STR-DE685

SERVICE MANUAL

Ver 1.0 2002. 03

US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Tourist Model
Chinese Model

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output (Models of area code US only).

Amplifier section

POWER OUTPUT

Models of area code US, CND
Rated Power Output at Stereo Mode
(8 ohms 20 Hz – 20 kHz, THD 0.09 %)
100 W + 100 W

Reference Power Output
(8 ohms 1 kHz, THD 0.7 %)

FRONT 1) :	100 W/ch
CENTER 1) :	100 W
SURR 1) :	100 W/ch

Models of area code AEP, UK
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
100 W + 100 W 2)

Reference Power Output 2)
(8 ohms 1 kHz, THD 0.7 %)

FRONT 1) :	100 W/ch
CENTER 1) :	100 W
SURR 1) :	100 W/ch

Models of other area code
Rated Power Output at Stereo Mode
(8 ohms 1 kHz, THD 0.7 %)
100 W + 100 W 2)

Reference Power Output 2)
(8 ohms 1 kHz, THD 10 %)

FRONT 1) :	120 W/ch
CENTER 1) :	120 W
SURR 1) :	120 W/ch

1) Depending on the sound field settings and the source, there may be no sound output.
2) Measured under the following conditions:

Area code	Power requirements
E, AUS, JE	240 V AC, 50 Hz
AEP, UK, CH, SP, MY, AR, KR	230 V AC, 50 Hz
TW	110 V AC, 60 Hz
US, CND, MX	120 V AC, 60 Hz

Frequency response

MULTI CH IN, CD/SACD, AUX, MD/TAPE, DVD/LD, VIDEO 1, 2, 3	10 Hz – 70 kHz +0.5/–2 dB (with sound field, equalizer, and bass boost bypassed)

Inputs (Analog)

MULTI CH IN, CD/SACD, AUX, MD/TAPE, DVD/LD, VIDEO 1, 2, 3	Sensitivity: 250 mV Impedance: 50 kilohms S/N 3) : 96 dB (A, 250 mV 4))

3) INPUT SHORT (with sound field , equalizer and bass boost bypassed).
4) Weighted network, input level.

– Continued on next page –

FM STEREO/FM-AM RECEIVER

9-873-687-01
2002C0400-1
© 2002. 03
Sony Corporation
Home Audio Company
Published by Sony Engineering Corporation

SONY

Inputs (Digital)

DVD/LD (Coaxial)	Sensitivity: – Impedance: 75 ohms S/N: 100 dB (A, 20 kHz LPF)
VIDEO 2, CD/SACD, MD/TAPE (Optical)	Sensitivity: – Impedance: – S/N: 100 dB (A, 20 kHz LPF)

Outputs (Analog)

MD/TAPE (OUT), VIDEO1 (AUDIO OUT)	Voltage: 250 mV Impedance: 10 kilohms
SUB WOOFER	Voltage: 2 V Impedance: 1 kilohms

Outputs (Digital)

MD/TAPE (Optical)	Sensitivity: –

EQ
- Gain levels: ±6 dB, 1 dB step

FM tuner section

Tuning range	87.5 - 108.0 MHz
Antenna terminals	75 ohms, unbalanced
Intermediate frequency	10.7 MHz
Sensitivity	
Mono:	18.3 dBf, 2.2 µV/75 ohms
Stereo:	38.3 dBf, 22.5 µV/75 ohms
Usable sensitivity	11.2 dBf, 1 µV/75 ohms
S/N	
Mono:	76 dB
Stereo:	70 dB
Harmonic distortion at 1 kHz	
Mono:	0.3%
Stereo:	0.5%
Separation	45 dB at 1 kHz
Frequency response	30 Hz – 15 kHz, +0.5/–2 dB
Selectivity	60 dB at 400 kHz

AM tuner section

Tuning range

Models of area code US, CND
- With 10-kHz tuning scale: 530 – 1710 kHz [5)]
- With 9-kHz tuning scale: 531 – 1710 kHz [5)]

Models of area code E, MX, AR
- With 10-kHz tuning scale: 530 – 1610 kHz [5)]
- With 9-kHz tuning scale: 531 – 1602 kHz [5)]

Models of area code AEP, UK, AUS, JE, CH, SP, MY, TW, KR
- With 9-kHz tuning scale: 531 – 1602 kHz

Antenna	Loop antenna
Intermediate Frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)
S/N	54 dB (at 50 mV/m)
Harmonic distortion	0.5 % (50 mV/m, 400 Hz)
Selectivity	
At 9 kHz:	35 dB
At 10 kHz:	40 dB

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. Hold down PRESET TUNING + and press I/⏻ . All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs

Video:	1 Vp-p, 75 ohms
S-video:	Y: 1 Vp-p, 75 ohms C: 0.286 Vp-p, 75 ohms
Component Video:	Y: 1 Vp-p, 75 ohms P_B B-Y: 0.7 Vp-p, 75 ohms P_R R-Y: 0.7 Vp-p, 75 ohms

Outputs

Video:	1 Vp-p, 75 ohms
S-video:	Y: 1 Vp-p, 75 ohms C: 0.286 Vp-p, 75 ohms
Component Video:	Y: 1 Vp-p, 75 ohms P_B B-Y: 0.7 Vp-p, 75 ohms P_R R-Y: 0.7 Vp-p, 75 ohms

General

Power requirements

Area code	Power requirements
US, CND, MX	120 V AC, 60 Hz
AEP, UK	230 V AC, 50/60 Hz
CH, SP, MY, AR, KR	220 – 230 V AC, 50/60 Hz
E, JE	120/220/240 V AC, 50/60 Hz
TW	110 V AC, 50/60 Hz
AUS	240 V AC, 50Hz

Power consumption

Area code	Power consumption
US, MX	210 W
CND	300 VA
AEP, UK, E, AUS, JE, CH, SP, MY, AR, KR	180 W
TW	450 W

Power consumption (during standby mode)
- 0.5 W (when “A.PWR” in the SET UP menu is set to “OFF”).

AC outlets

Area code	AC outlets
US, CND	1 switched, 120 W/1A MAX
AEP, UK, E, AUS, JE, MX, SP, MY, TW	1 switched, 100 W MAX

Dimensions	430 × 157.5 × 308.5 mm (16 7/8 × 6 2/8 × 12 1/8 inches) including projecting parts and controls
Mass (Approx.)	7.5 kg (16 lb 9 oz)

Supplied accessories
- FM wire antenna (1)
- AM loop antenna (1)
- Remote commander (1)
  - RM-PP411 (models of area code US, CND only)
  - RM-U305C (except for models of area code US, CND)
- R6 (size-AA) batteries (2)

Design and specifications are subject to change without notice.

- Abbreviation
  - CND : Canadian model
  - AUS : Australian model
  - JE : Tourist model
  - CH : Chinese model
  - MX : Mexican model
  - SP : Singapore model
  - MY : Malaysia model
  - TW : Taiwan model
  - AR : Argentina model
  - KR : Korean model

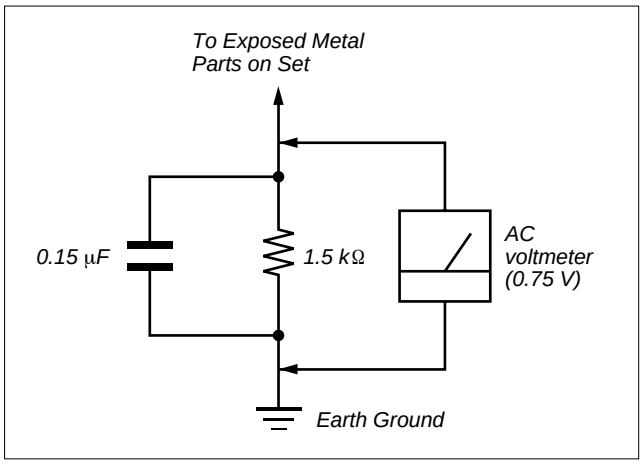
SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

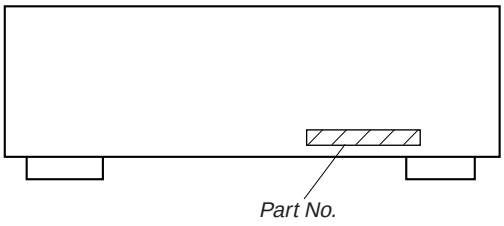
The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)



MODEL IDENTIFICATION

— BACK PANEL —



Area code	Part No.
Australian	4-238-191-2☐
Singapore	4-238-191-3☐
Malaysia	4-238-191-4☐
E	4-238-191-5☐
AEP	4-238-191-6☐
UK	4-238-191-7☐
Mexican	4-238-191-8☐
Argentina	4-238-191-9☐
Canadian	4-238-192-2☐
US	4-238-192-3☐
Taiwan	4-238-192-4☐
Korean	4-238-192-5☐
Chinese	4-238-192-6☐
Tourist	4-238-192-7☐

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

与安全有关的零部件须知

在原理图上用阴影及 ⚠ 标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

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SECTION 1
GENERAL

This section is extracted from instruction manual.

List of Button Locations and Reference Pages

How to use this page

Use this page to find the location of buttons that are mentioned in the text.

Illustration number
NAME 14 (37)
Name of button/part — Reference page

Main unit

ALPHABETICAL ORDER

0 – 9

2 CH 31 (27)

A – D

A.DEC 33 (25, 27)
AM (Except for models of area code CEL, CEK) 37 (32, 33)
AUX 27 (23)
CD/SACD 23 (23)
CINEMA STUDIO EX A,B,C 16 (26)
Digital Cinema Sound (indicator) 17 (25)
DIMMER 5 (24)
DISPLAY 4 (24, 35, 55)
Display 15 (24)
DVD/LD 26 (23)

E – K

ENTER 34 (37)
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EQUALIZER 18 (31)
FM (Except for models of area code CEL, CEK) 38 (32, 33)
FM/AM (Models of area code CEL, CEK only) 37 (32, 33)
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P – S

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SET UP 13 (4, 18, 38, 59)
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T – Z

TUNER 25 (23, 33, 34, 37)
TUNING +/– 8 (33)
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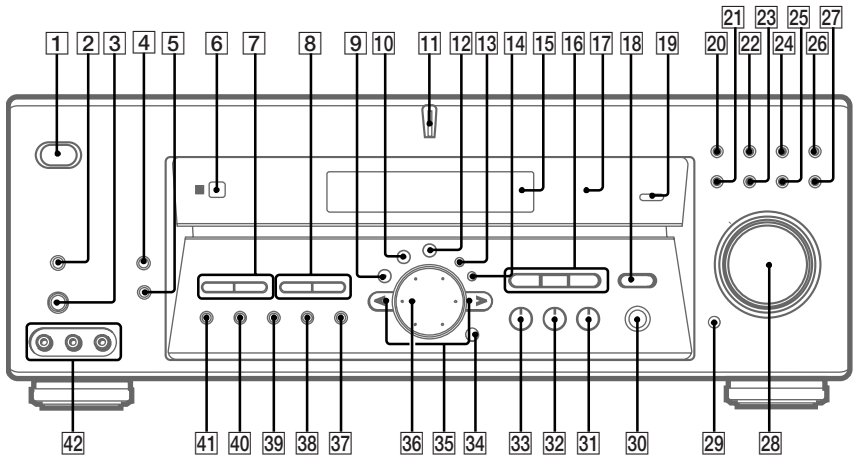
VIDEO 3 24 (23)
VIDEO 3 INPUT (jacks) 42 (9)

BUTTON DESCRIPTIONS

I/⏻ (power) 1 (4, 17, 22, 31, 32, 57)
</> 35 (18, 29, 31, 37, 38)



List of Button Locations and Reference Pages

(US, Canadian model only)

Operations Using the Remote RM-PP411

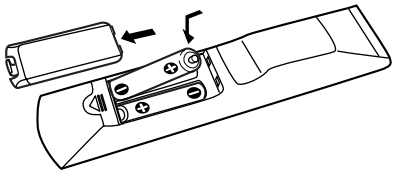
For models of area code U, CA only

You can use the remote RM-PP411 to operate the components in your system.

Before you use your remote

Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor ▣ on the receiver.



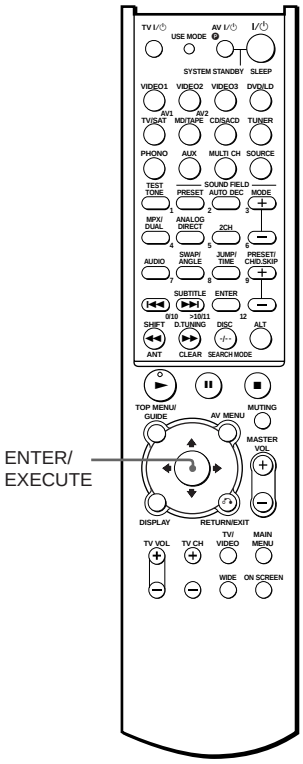
Tip

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you don't use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Remote button description



The tables below show the settings of each button.

Remote Button	Operations	Function
I/⏻	Receiver	Turns the receiver on or off.
SLEEP	Receiver	Activates the sleep function and the duration which the receiver turns off automatically.

(Except US, Canadian model)

Operations Using the Remote RM-U305C

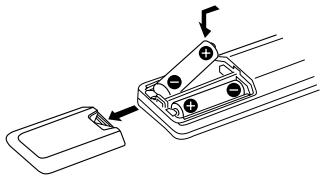
Except for models of area code U, CA

You can use the remote RM-U305C to operate the components in your system.

Before you use your remote

Inserting batteries into the remote

Insert R6 (size-AA) batteries with the + and – properly oriented in the battery compartment. When using the remote, point it at the remote sensor ▣ on the receiver.



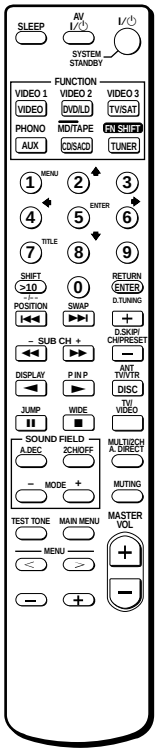
Tip

Under normal conditions, the batteries should last for about 6 months. When the remote no longer operates the receiver, replace all batteries with new ones.

Notes

- Do not leave the remote in an extremely hot or humid place.
- Do not use a new battery with an old one.
- Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
- If you don't use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Remote button description



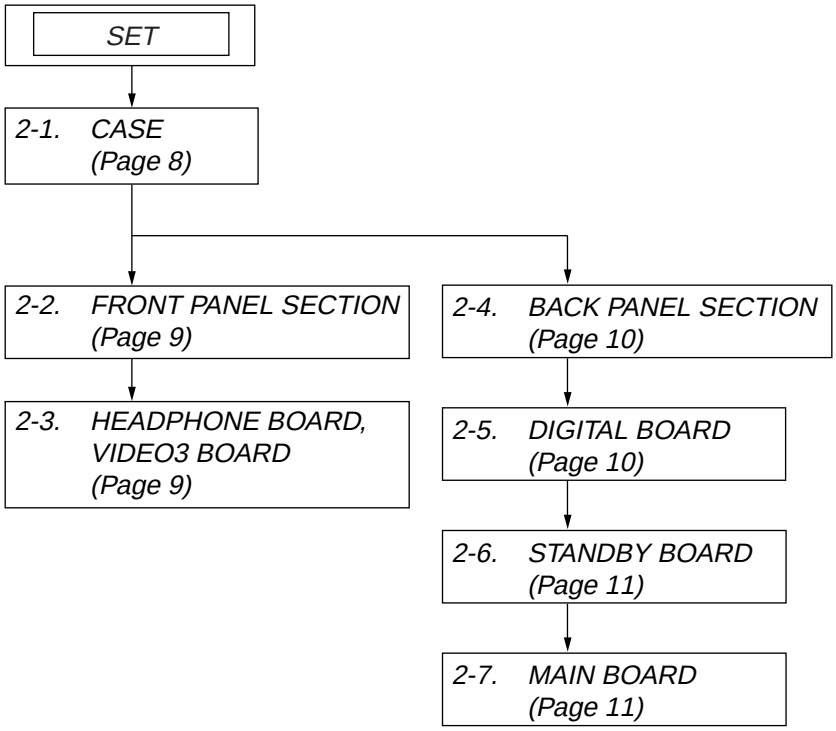
The tables below show the settings of each button.

Remote Button	Operations	Function
SLEEP	Receiver	Activates the sleep function and the duration which the receiver turns off automatically.
I/⏻	Receiver	Turns the receiver on or off.

continued

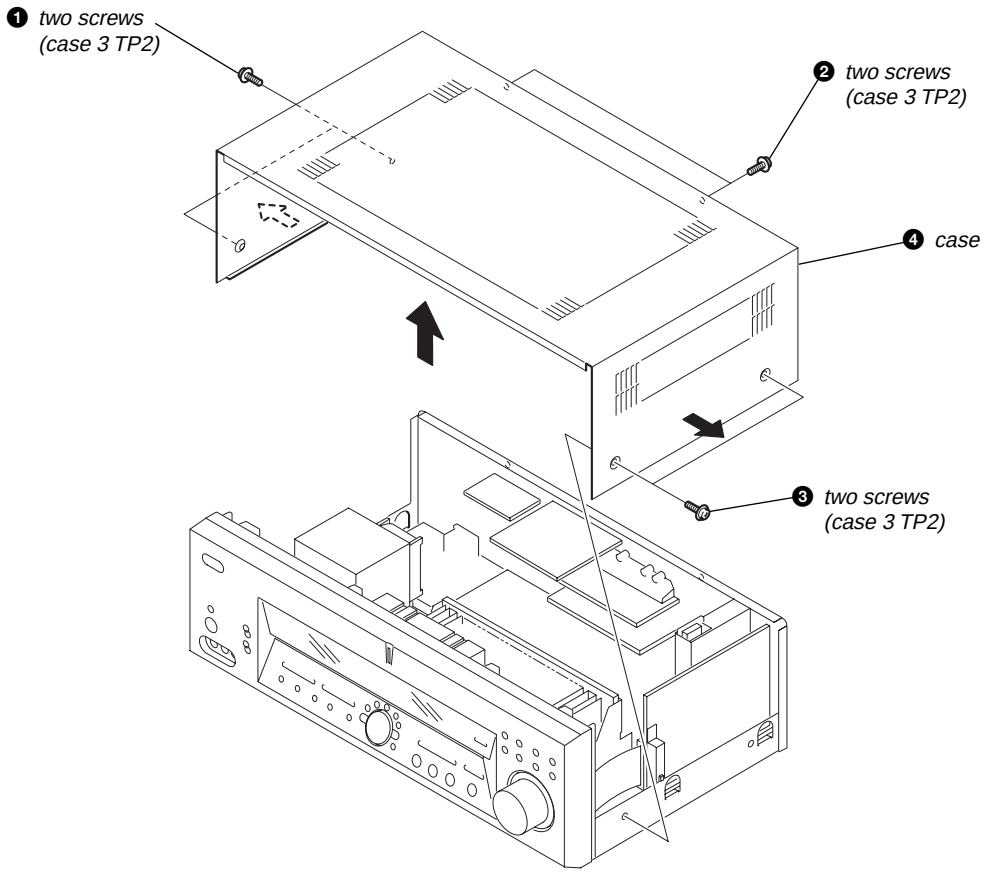
SECTION 2
DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

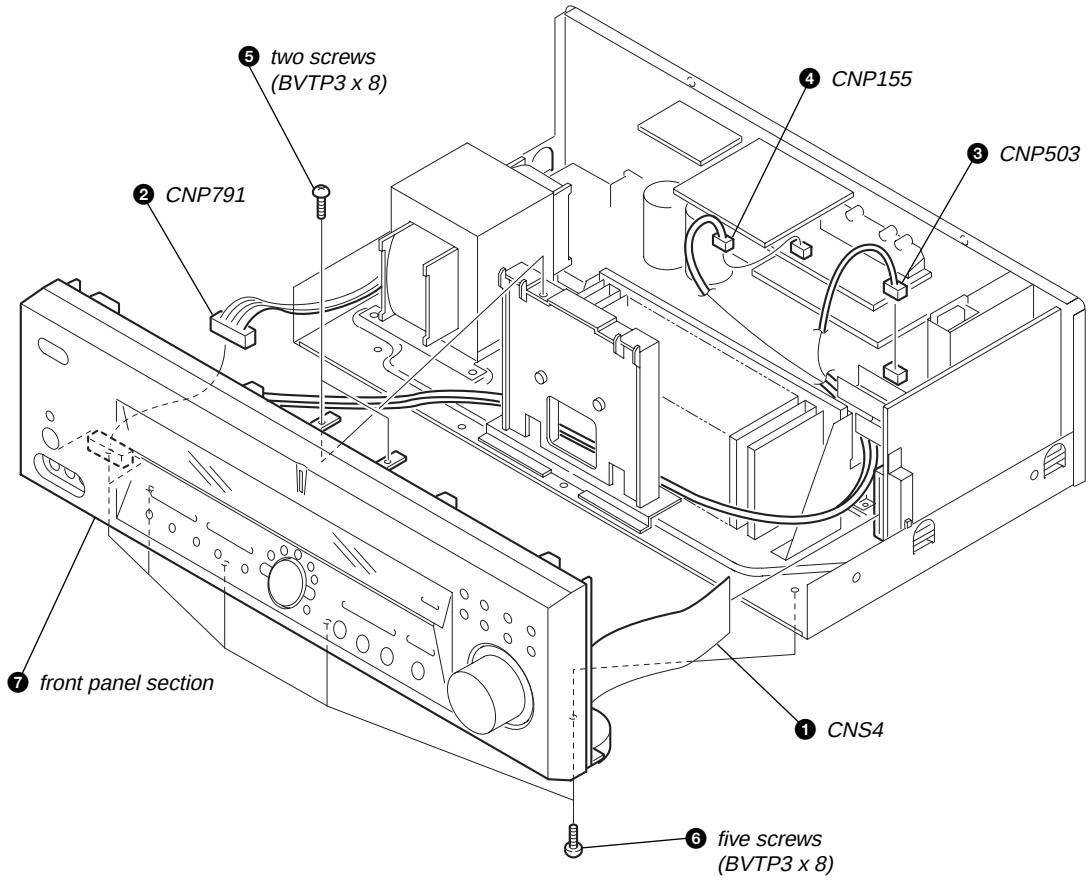


Note : Follow the disassembly procedure in the numerical order given.

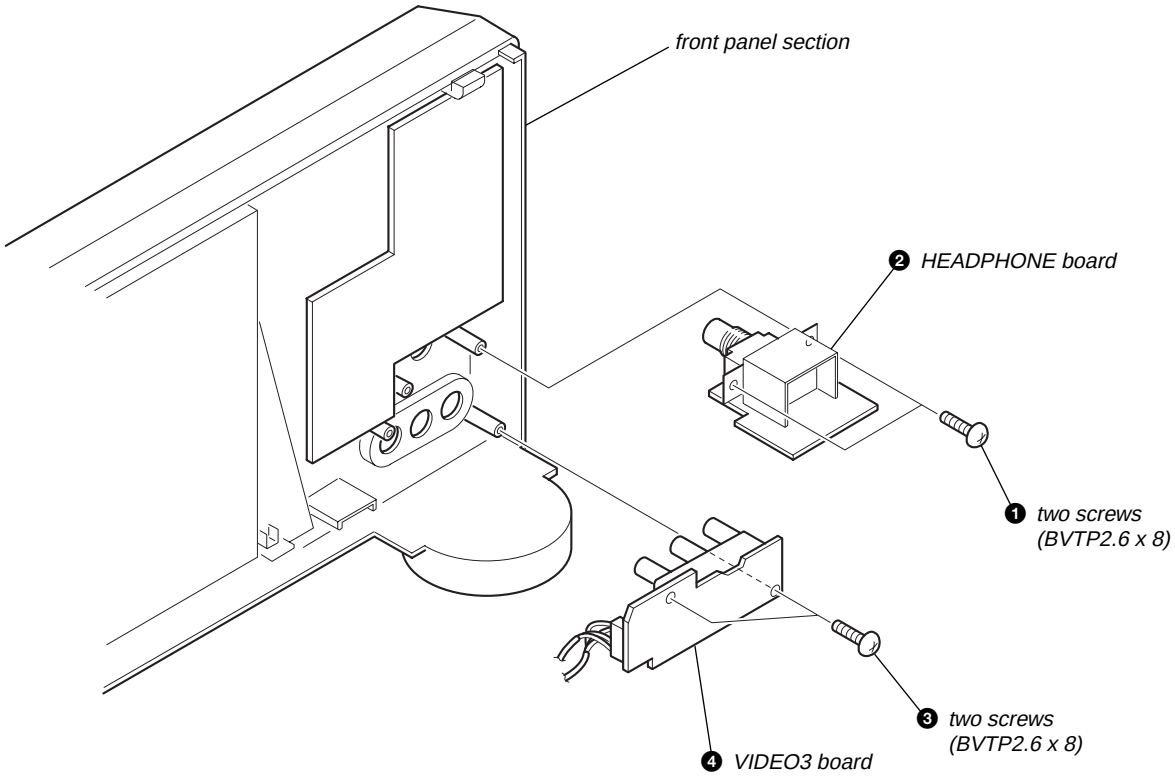
2-1. CASE



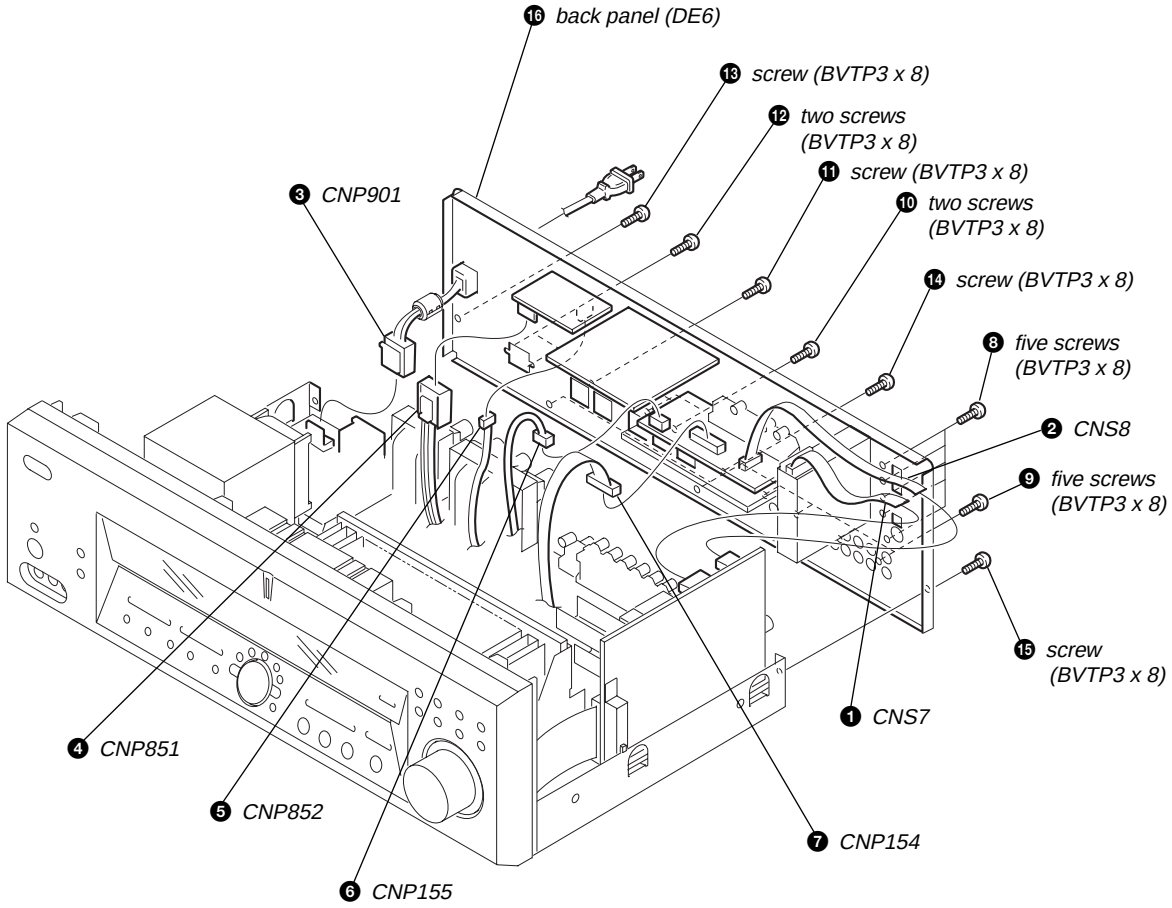
2-2. FRONT PANEL SECTION



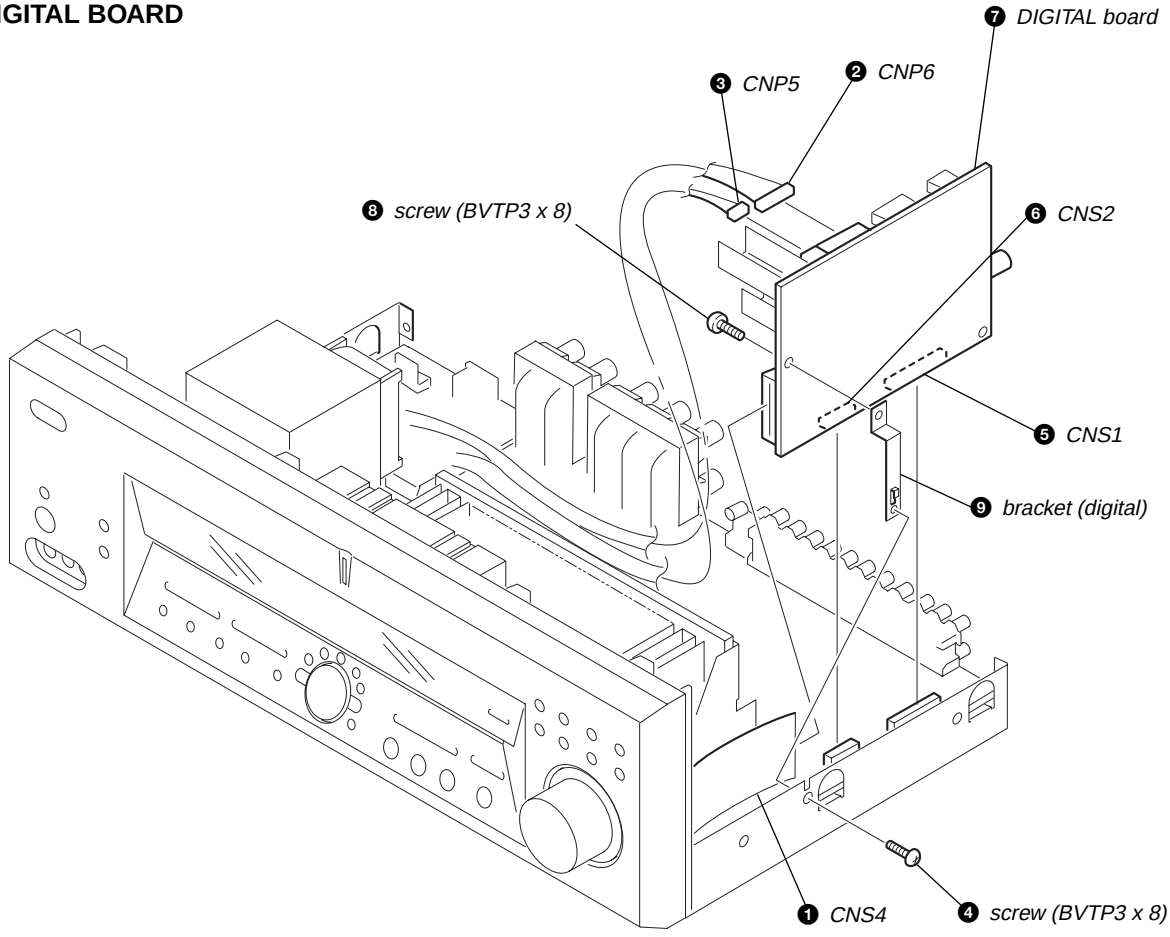
2-3. HEADPHONE BOARD, VIDEO3 BOARD



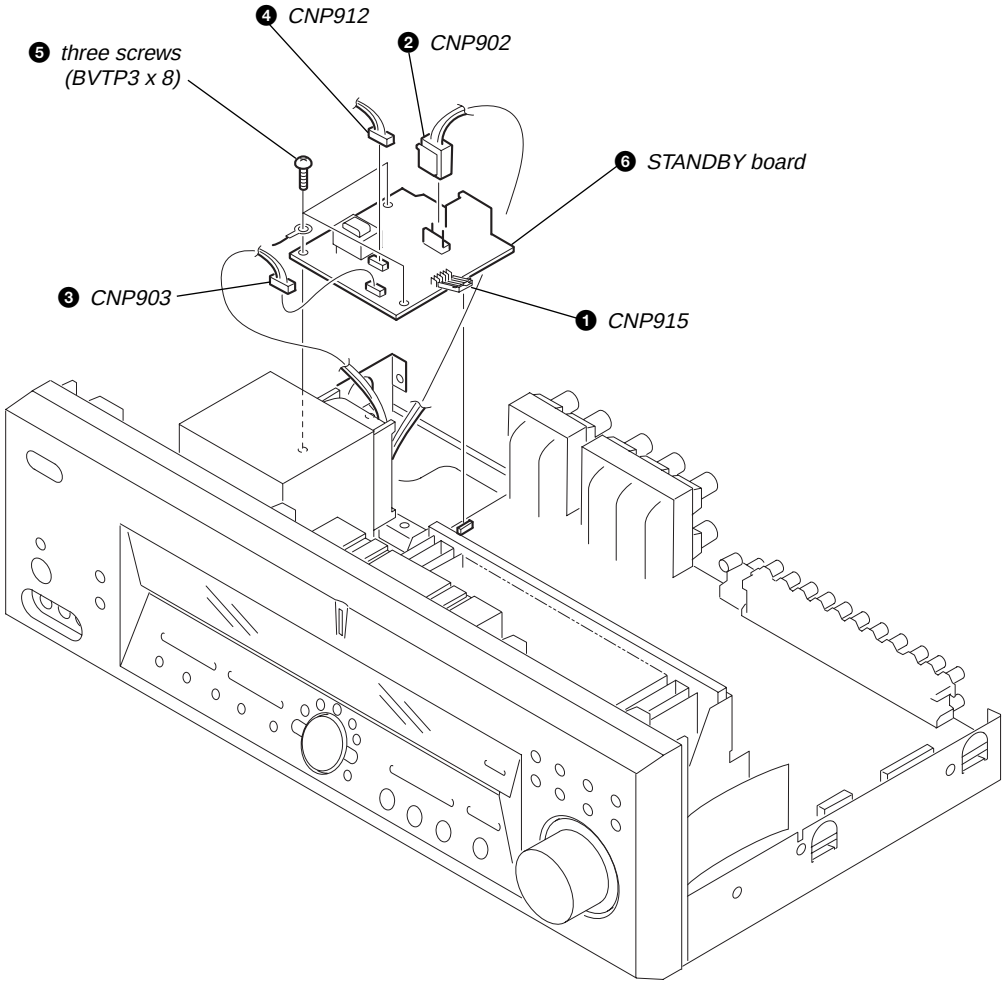
2-4. BACK PANEL SECTION



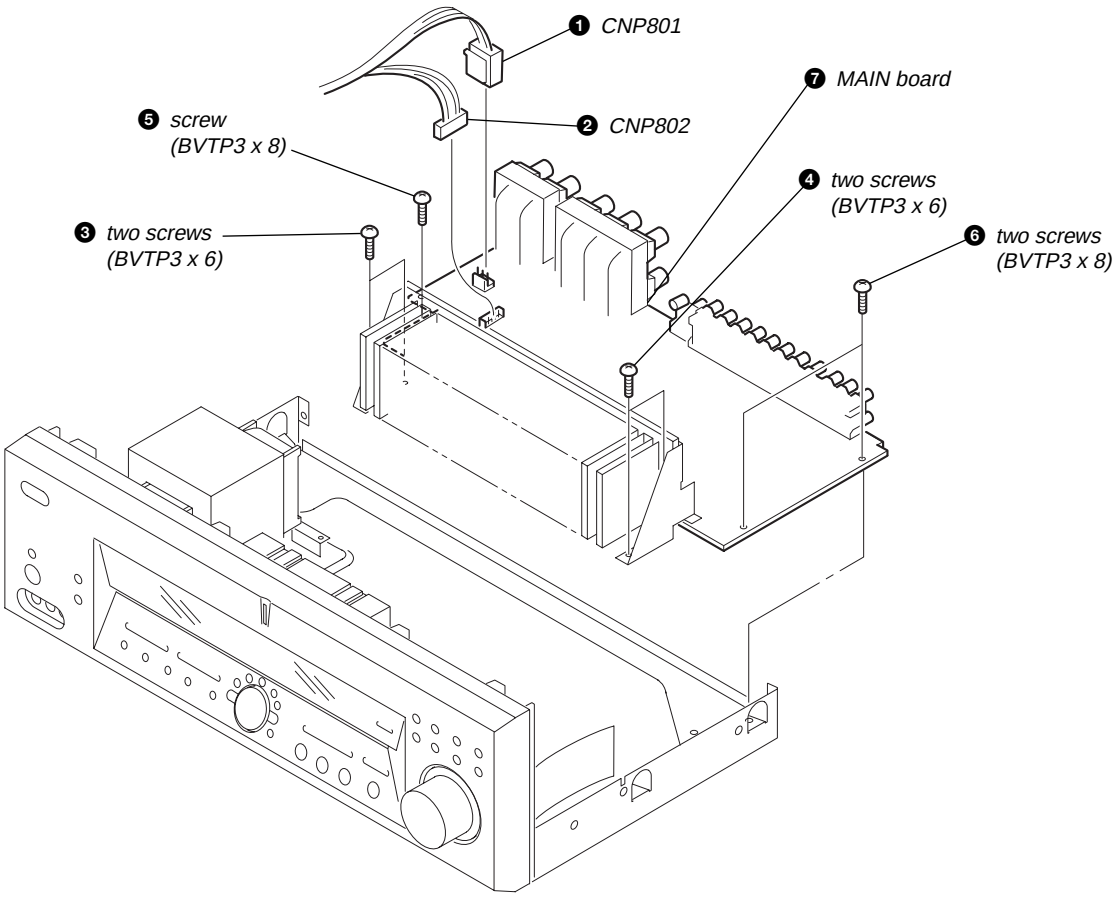
2-5. DIGITAL BOARD



2-6. STANDBY BOARD



2-7. MAIN BOARD



SECTION 3
TEST MODE

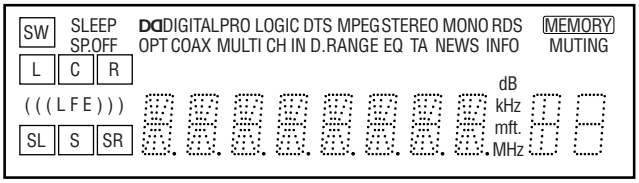
SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the [ENTER] and the SOUND FIELD [A.F.D.] buttons simultaneously, press the power [I/⏻] button to turn on the main power. The model name, destination and the software version are displayed.

FLUORESCENT INDICATOR TUBE TEST MODE

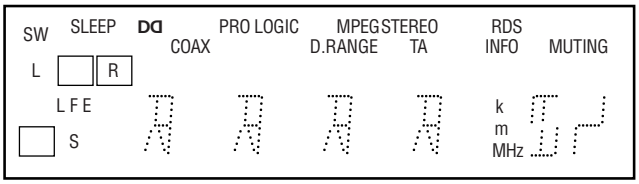
* All fluorescent segments are tested. When this test is activated, all segments turn on at the same time, then each segment turns on one after another.
* Procedure:
  While depressing the [MD/TAPE] and the [SHIFT] buttons simultaneously, press the power [I/⏻] button to turn on the main power.

1. All segments turn on.



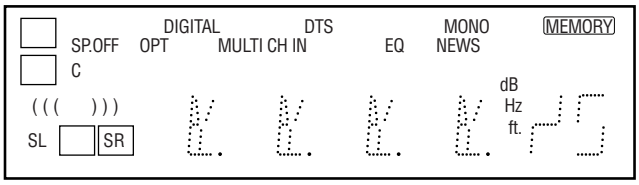
[MULTI CHANNEL DECODING], [Digital Cinema Sound], SOUND FIELD [A.F.D.], SOUND FIELD [MODE], SOUND FIELD [2CH] and [SET UP] LED turn on.

2. Press the [VIDEO 1] button, confirm display



SOUND FIELD [A.F.D], SOUND FIELD [MODE], [LEVEL], [SET UP] and [Digital Cinema Sound] LED turn on.

3. Press the [VIDEO 1] button, confirm display



[MULTI CHANNEL DECODING], SOUND FIELD [2CH], [SURR], [EQ] and [NAME] LED turn on.

4. Press the [VIDEO 1] button, All segments turn off.

5. Every pressing of the [VIDEO 1] button turns on each segment and LED one after another in the same order.
   (Not only the [VIDEO 1] button, but also the other buttons such as [VIDEO 2], [VIDEO 3], [DVD/LD], [MD/TAPE], [CD/SACD], [TUNER] and [AUX] can be used.)

FACTORY PRESET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the [VIDEO 1] and the SOUND FIELD [2CH] buttons simultaneously, press the power [I/⏻] button to turn on the main power. The message FACTORY appears and switch off the set.
  While depressing the [VIDEO 1] and the SOUND FIELD [2CH] buttons simultaneously, press the power [I/⏻] button again. The message "FACTORY" appears and the preset contents are reset to the default values.

SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated. Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the SOUND FIELD [MODE] button, press the power [I/⏻] button to turn on the main power. The message "S. F. CLR" appears and initialization is performed.

AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Set the [TUNER] to [AM]. Turn off the main power.
  While depressing the [TUNING +] button or the [PRESET TUNING −] button, press the power [I/⏻] button to turn on the main power. Either the message 9 k STEP or 10 k STEP appears. Select the desired step.
* For US, Canadian, E, Mexican and Argentina model only

KEY CHECK MODE

* Button check
* Procedure:
  While depressing the [VIDEO 1] and the [SHIFT] buttons simultaneously, press the power [I/⏻] button to turn on the main power. "REST 39" appears.
  Every pressing of any button other than the [I/⏻], [EQUALIZER] and the [MULTI CH IN] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed "REST 04" appears.
  When [MASTER VOLUME] is rotated in clockwise direction, "VOL MIN", "VOL 1" to "VOL 73", "VOL MAX" appear.

SECTION 4
DIAGRAMS

4-1. IC PIN DESCRIPTIONS

• IC1201 CXD9617R (DSP) (DIGITAL Board (1/2))

Pin No.	Pin Name	I/O	Description
1	VSS	—	Ground
2	XRST	I	Reset signal input
3	EXTIN	I	Not used (connected to ground)
4	FS2	I	Not used (connected to ground)
5	VDDI	I	Power supply
6	FS1	I	Not used (connected to ground)
7	PLOCK	O	Internal PLL lock signal output (Not used)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.5 MHz)
10	VDDI	I	Power supply
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.5 MHz)
13	MS	I	Switching of master/slave operation L : internal clock, H : EXTIN clock is used
14	SCKOUT	O	Internal system clock signal output
15	LRCKI1	I	Not used (open)
16	VDDE	I	Power supply
17	BCKI1	I	Not used (open)
18	SDI1	I	Audio IF data input
19	LRCKO	O	Sampling clock output for digital audio serial data
20	BCKO	O	Bit clock output terminal for digital audio serial data
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (364fs/256fs) input/output
23 to 25	SDO1 to SDO3	O	Digital audio serial data output
26	SDO4	O	Audio IF serial output (Not used) (open)
27	SPDIF	O	Not used (open)
28	LRCKI2	I	Sampling clock input for audio serial data
29	BCKI2	I	Bit clock input terminal for audio serial data
30	SDI2	I	Digital audio data input
31	VSS	—	Ground
32	HACN	O	Acknowledge signal output for system control
33	HDIN	I	Serial data input for system control
34	HCLK	I	Clock input for system control
35	HDOUT	O	Serial data output for system control
36	HCS	I	Chip select input for system control
37	SDCLK	O	Not used (open)
38	CLKEN	O	Not used (open)
39	RAS	O	Not used (open)
40	VDDI	I	Power supply
41	VSS	—	Ground
42	CAS	O	Not used (open)
43	DQM/OE0	O	Not used (open)
44	CS0	O	External memory chip select (SRAM)
45	WE0	O	SRAM write enable output
46	VDDE	I	Power supply
47	WMD1	I	Not used (connected to “H”)
48	VSS	—	Ground
49	WIMD0	I	Not used (connected to ground)
50	PAGE2	O	Not used (open)
51	VSS	—	Ground
52	PAGE1	O	External memory page switching signal output (Not used)
53	PAGE0	O	External memory page switching signal output (Not used)

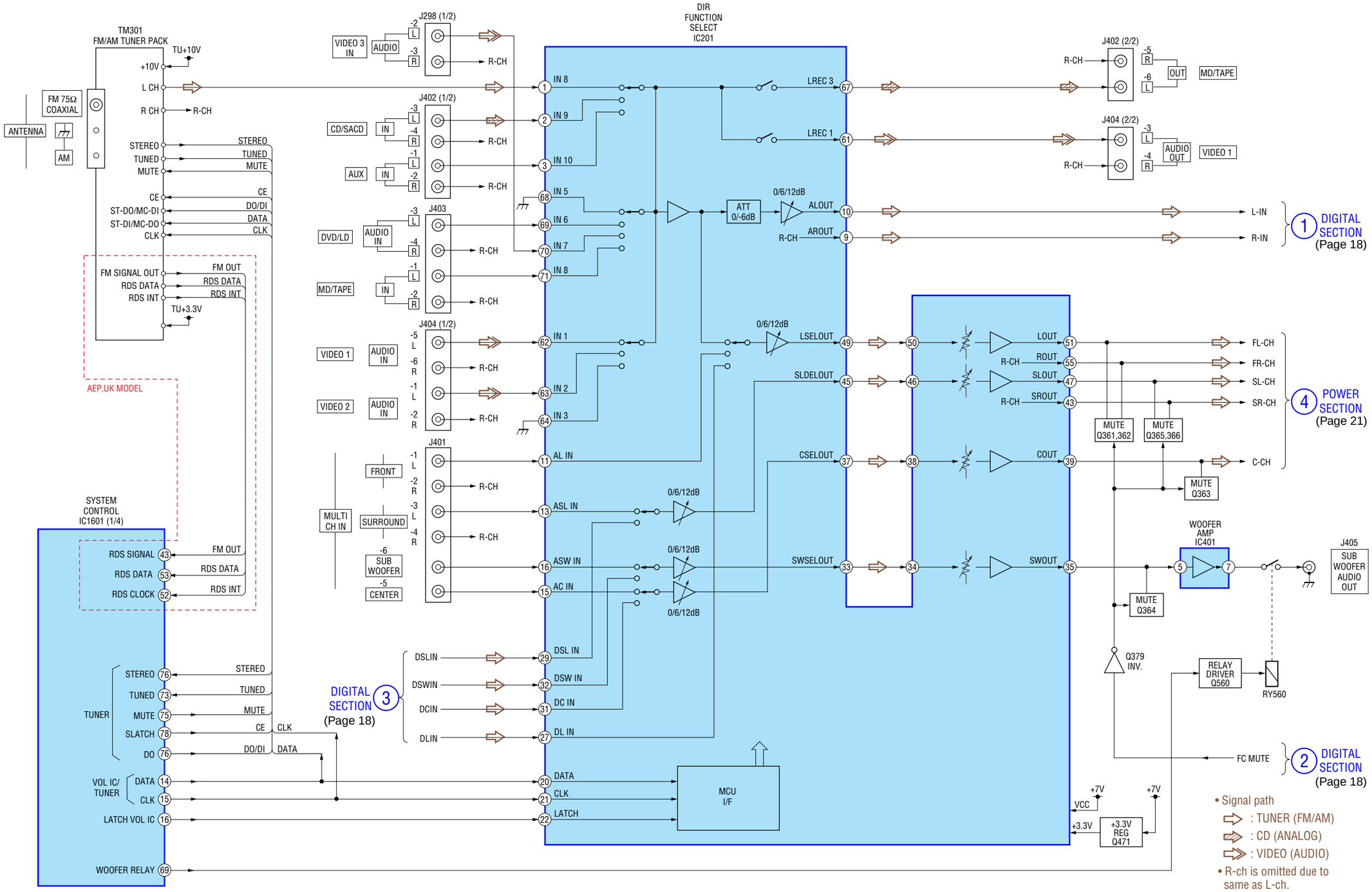
Pin No.	Pin Name	I/O	Description
54	BOOT	I	Not used (connected to ground)
55	BTACT	O	Not used (open)
56	BST	I	Boot stop signal input
57	MOD1	I	Operation mode signal input (L : 386fs, H : 256fs)
58	MOD0	I	Operation mode signal input (L : single chip mode, H : use prohibited)
59	EXLOCK	I	Lock signal input
60	VDDI	I	Power supply
61	VSS	—	Ground
62, 63	A17, A16	O	Not used (open)
64 to 66	A15 to A13	O	External memory address output (SRAM)
67	GP10	O	LRCK0
68	GP9 (DECODE)	O	DECODE
69	GP8 (AUDIO)	I	AUDIO
70	VDDI	I	Power supply
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output (general port)
76	VDDE	I	Power supply
77 to 80	D11/GP3 to D8/GP0	I/O	External memory data input/output (general port)
81	VSS	—	Ground
82 to 85	A9 to A12	O	External memory address output (SRAM)
86	TDO	O	Not used (open)
87	TMS	I	Not used (open)
88	XTRST	I	Not used (open)
89	TCK	I	Not used (open)
90	TDI	I	Not used (open)
91	VSS	—	Ground
92 to 97	A8 to A3	O	External memory address output (SRAM)
98, 99	D7, D6	I/O	External memory data input/output (SRAM)
100	VDDI	I	Power supply
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	External memory data input/output (SRAM)
106	VDDE	I	Power supply
107, 108	D1, D0	I/O	External memory data input/output (SRAM)
109, 110	A2, A1	O	External memory address output (SRAM)
111	VSS	—	Ground
112	A0	O	External memory address output (SRAM)
113	PM	I	PLL initialization input terminal
114, 115	SDI3, SDI4	I	Not used (open)
116	SYNC	I	Sync/async selection input (L : sync, H : async)
117 to 119	VSS	—	Ground
120	VDDI	I	Power supply

• IC1601 MB90478PF-G-120-BND (SYSTEM CONTROL) (DIGITAL Board (2/2))

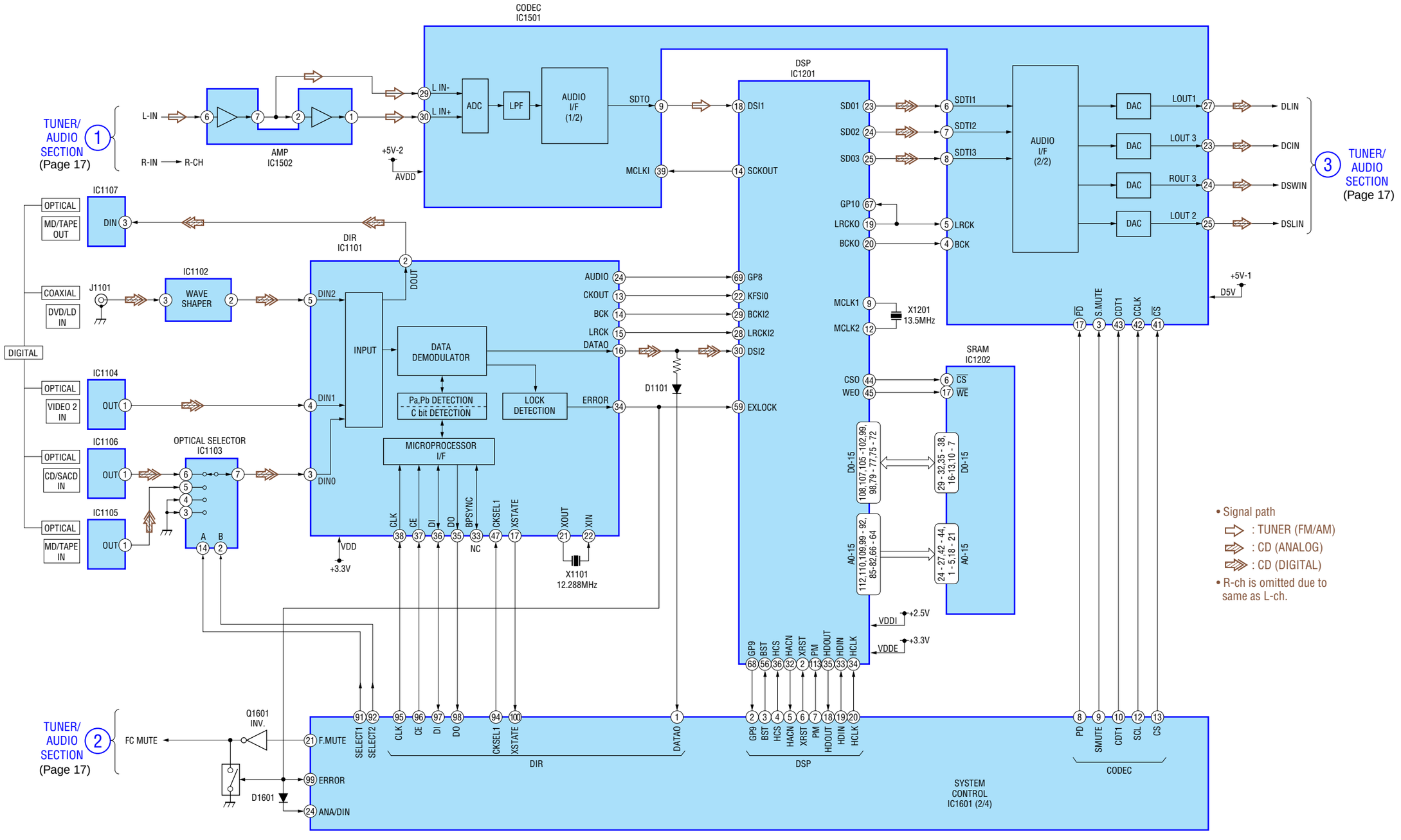
Pin No.	Pin Name	I/O	Description
1	DATAO	I	Serial data input for DIR
2	GP9	I	Decode signal input
3	BST	O	Boot stop signal output to DSP
4	HCS	O	Chip select signal output to DSP
5	HACN	I	Acknowledge signal input for DSP
6	XRST	O	Reset signal output to DSP
7	PM	O	PLL initialization output to DSP
8	PD	O	Power down signal output to CODEC
9	SMUTE	O	Soft mute signal output to CODEC
10	CDT1	O	Control data output to CODEC
11	VSS	—	Ground
12	SCL	O	Serial data clock to CODEC
13	CS	O	Chip select signal output to CODEC
14	DATA	O	Serial data output to VOL/TUNER
15	CLK	O	Clock signal output to VOL/TUNER
16	LATCH	O	Latch signal output to VOL/TUNER
17	SPKB	O	Speaker B out control signal output
18	HDOUT	I	Serial data for DSP
19	HDIN	O	Serial data to DSP
20	HCLK	O	Clock signal output to DSP
21	F.MUTE	O	Function input mute signal output
22	AC MUTE	O	Power amp mute signal output
23	VCC5	I	Power supply
24	ANA/DIG	I	Muting and error port signal input
25	HP DETECT	I	Headphone detect signal input
26	DCS LED	O	LED (DCS) driver signal output
27	FLASH2	O	Flash programming signal output
28	SP SWITCH/FLASH1	I/O	Speaker ON/OFF signal output
29	MCH LED	O	LED (MULTI CHANNEL DECODING) driver signal output
30	MODE	O	LED (MODE) driver signal output
31	2CH	O	LED (2CH) driver signal output
32	AFD	O	LED (A.F.D.) driver signal output
33	SCL	O	Clock signal output to EEPROM
34	SDA	I/O	Serial data to EEPROM
35	AVCC	I	Power supply
36	AVRH	I	Not used (connected to “H”)
37	AVSS	—	Ground
38 to 41	A/D0 to A/D3	I	Key signal input (A/D port)
42	VSS	—	Ground
43	RDS SIGNAL	I	RDS signal input
44	MODEL	I	Model detection port
45	VERSION	I	Version resistor port
46	NC	O	Not used (connected to ground)
47	NC	O	Not used (connected to ground)
48	STOP	I	Input signal when AC off
49	MD0	—	Selection of micom operation mode
50	MD1	—	Not used (connected to ground)
51	MD2	—	Selection of micom operation mode
52	RDS CLOCK	I	RDS clock signal output (Not used)
53	RDS DATA	I	RDS data output (Not used)
54	SIRCS	I	Input data from remote control receiver
55	FUSE DETECT	I	Power down detect input

Pin No.	Pin Name	I/O	Description
56	POWER KEY	I	Detect power switch key
57	JOG (B)	I	Jog encoder signal input (–)
58	JOG (A)	I	Jog encoder signal input (+)
59	VOL (B)	I	Volume encoder signal input (–)
60	VOL (A)	I	Volume encoder signal input (+)
61	DIN	O	Serial data output to FL driver
62	CLK	O	Clock signal output to FL driver
63	FL_STB	O	Strobe signal output to FL driver
64	CONTROL A1 OUT	O	Control A1 II signal output
65	CONTROL A1 IN	I	Control A1 II signal input
66	POWER RELAY	O	Control power relay driver output
67	PROTECTOR	I	Detect protector status input
68	HEADPHONE RELAY	O	Control headphone relay driver output
69	WOOFER RELAY	O	Control woofer speaker relay driver output
70	REAR RELAY	O	Control rear speaker relay driver output
71	CENTER RELAY	O	Control center speaker relay driver output
72	PREOUT/FRONT RELAY	O	Control front speaker relay driver output
73	TUNED	O	Tuned signal output to tuner
74	STEREO	O	Stereo signal output to tuner
75	MUTE	O	Mute signal output to tuner
76	DO	I	Serial data input for tuner
77	RSTX	I	Reset signal input
78	SLATCH	O	Latch signal to tuner
79	X1A	—	Not used (open)
80	X0A	—	Not used (connected to ground)
81	VSS	—	Ground
82	X0	I	Clock signal input (20 MHz)
83	X1	O	Clock signal output (20 MHz)
84	VCC3	I	Power supply
85	NC	I	Not used
86	NC	O	Not used
87 to 90	SW4 to SW1	O	Video input select signal output
91	SELECT1	O	Optical input select signal output
92	SELECT2	O	Optical input select signal output
93	XMODE	O	Mode signal output to DIR
94	CKSEL1	O	Clock select signal output to DIR
95	CLK	O	Clock signal output to DIR
96	CE	O	Chip select signal output to DIR
97	DI	O	Serial data output to DIR
98	DO	I	Serial data input for DIR
99	ERROR	I	Error signal input for DIR
100	XSTATE	I	XSTATE signal input for DIR

4-2. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

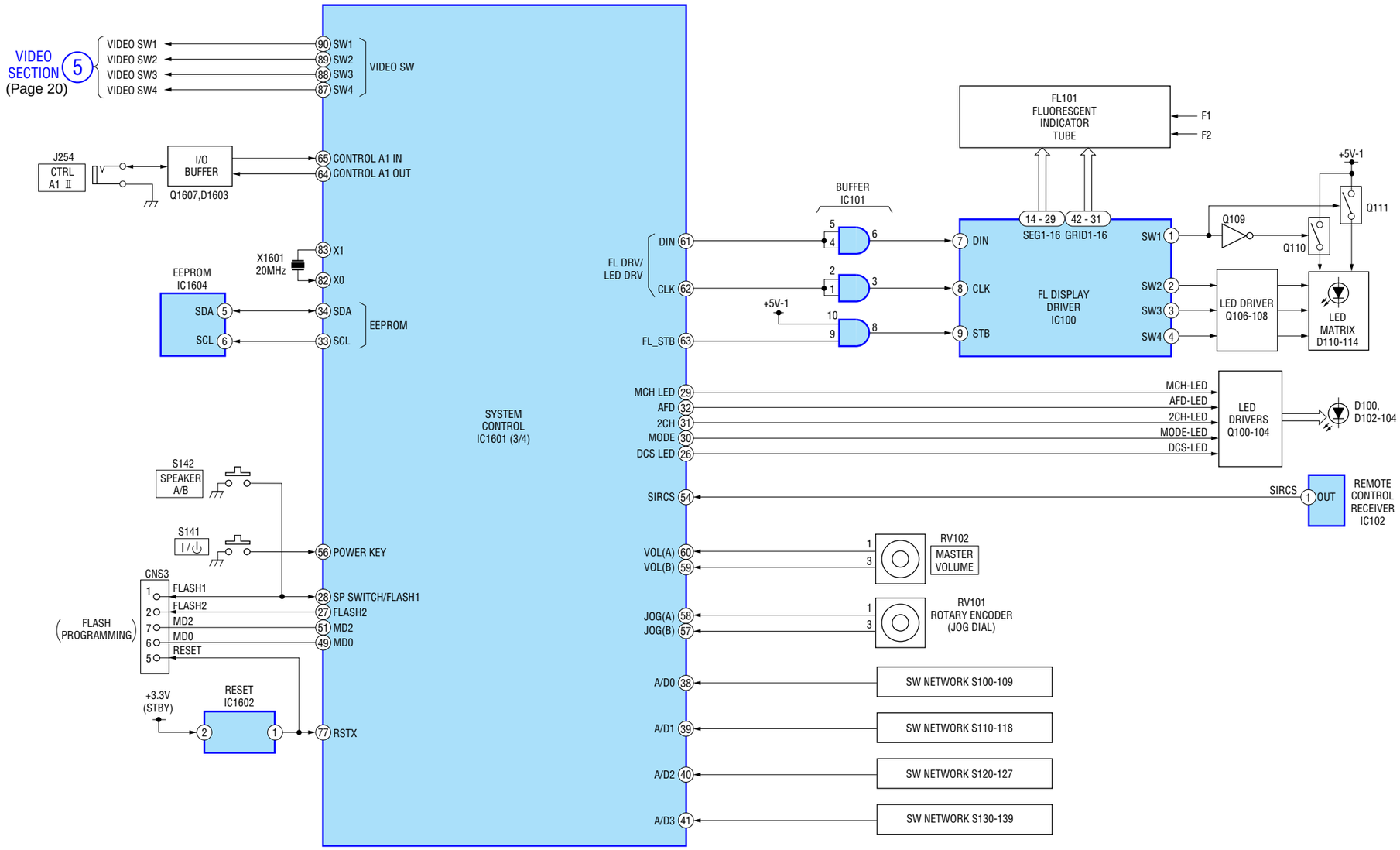


4-3. BLOCK DIAGRAM — DIGITAL SECTION —

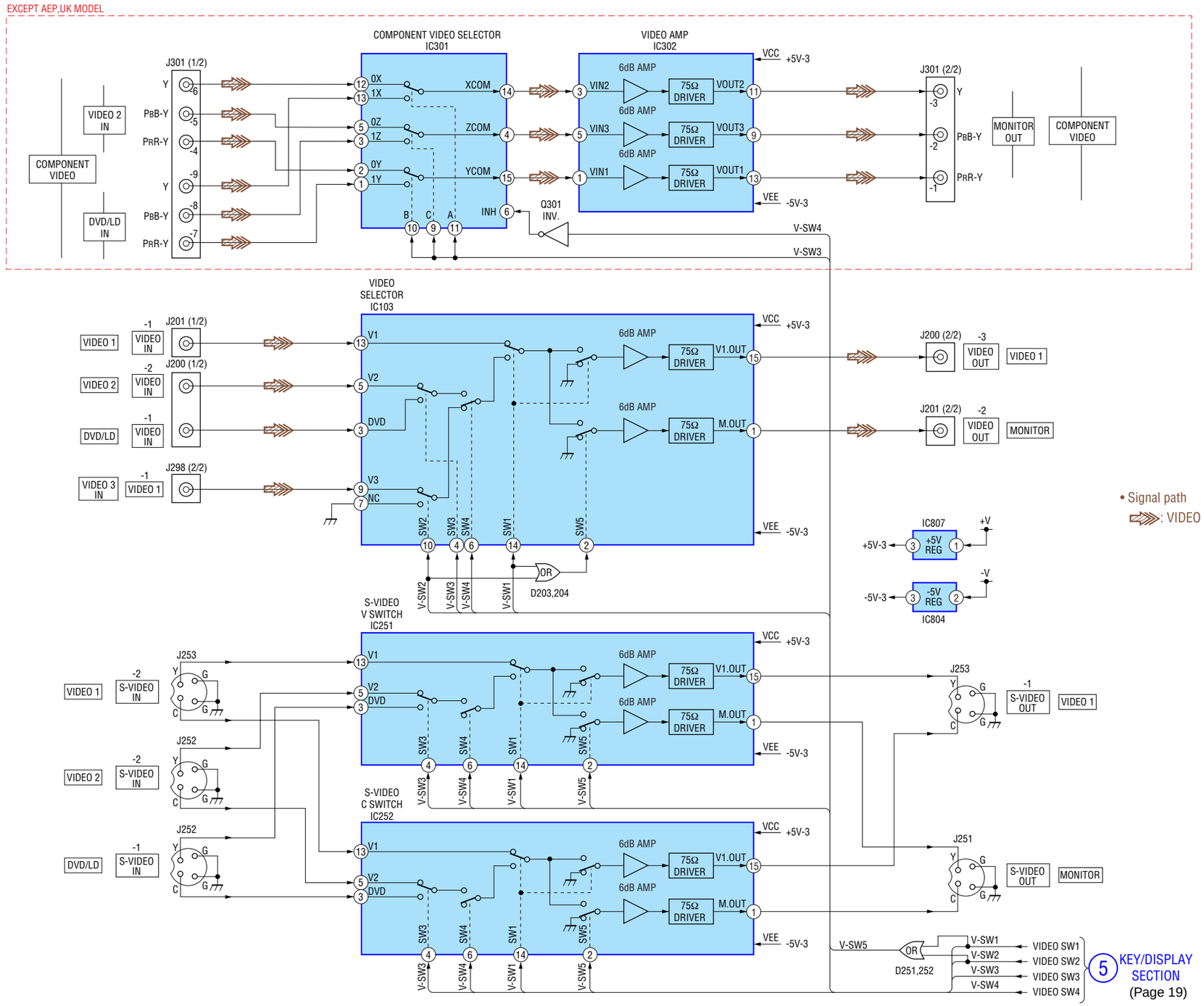


- Signal path
  - : TUNER (FM/AM)
  - : CD (ANALOG)
  - : CD (DIGITAL)
- R-ch is omitted due to same as L-ch.

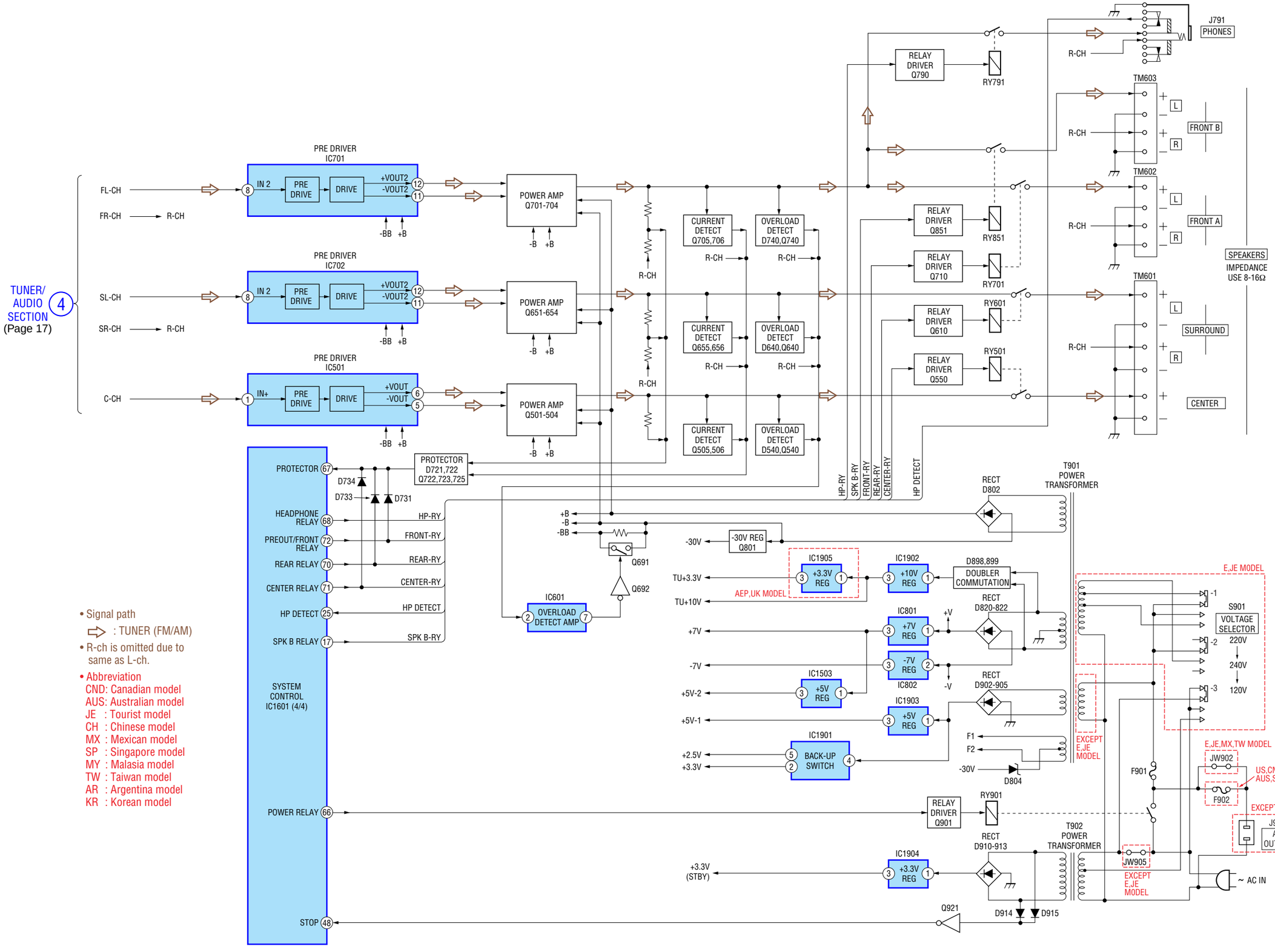
4-4. BLOCK DIAGRAM — KEY/DISPLAY SECTION —



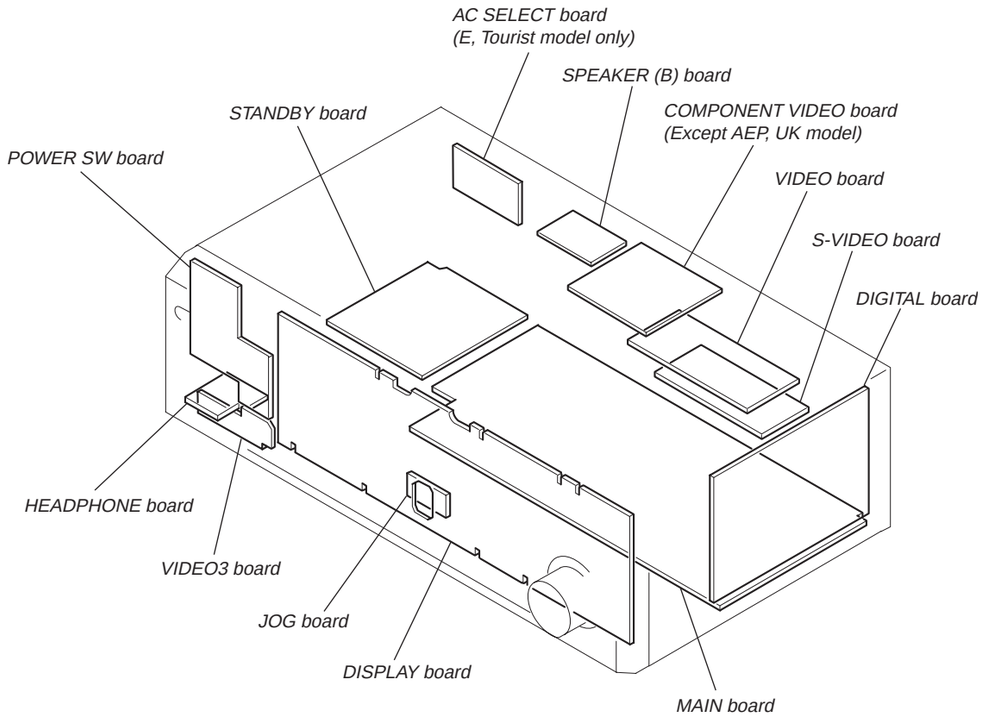
4-5. BLOCK DIAGRAM — VIDEO SECTION —



4-6. BLOCK DIAGRAM — POWER SECTION —



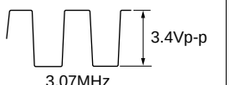
4-7. CIRCUIT BOARDS LOCATION



• Waveforms (DIGITAL Board)

1 1V/DIV 50nsec/DIV

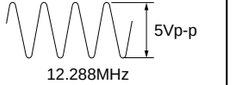
12.288MHz
IC1101 (13) (CKOUT)

2 1V/DIV 0.2µsec/DIV


3.07MHz
IC1101 (14) (BCK)

3 1V/DIV 50nsec/DIV

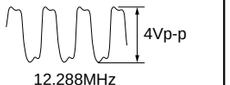
12.288MHz
IC1101 (21) (XOUT)

4 1V/DIV 50nsec/DIV


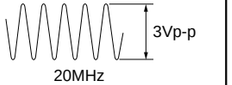
12.288MHz
IC1501 (39) (MCLKI)

5 1V/DIV 50nsec/DIV

13.5MHz
IC1201 (12) (MCLK2)

6 1V/DIV 50nsec/DIV


12.288MHz
IC1201 (14) (SCKOUT)

7 1V/DIV 50nsec/DIV


20MHz
IC1601 (83) (X1)

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

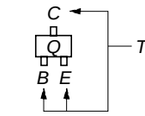
Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。	

- : B+ Line.
- : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER (FM/AM)
  : VIDEO (AUDIO)
  : VIDEO
  : CD (ANALOG)
  : CD (DIGITAL)
- Abbreviation
  CND : Canadian model.
  AUS : Australian model.
  JE : Tourist model.
  CH : Chinese model.
  MX : Mexican model.
  SP : Singapore model.
  MY : Malaysia model.
  TW : Taiwan model.
  AR : Argentine model.
  KR : Korean model.

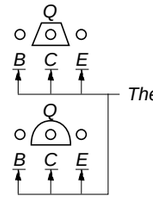
for printed wiring boards:

- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.

Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.



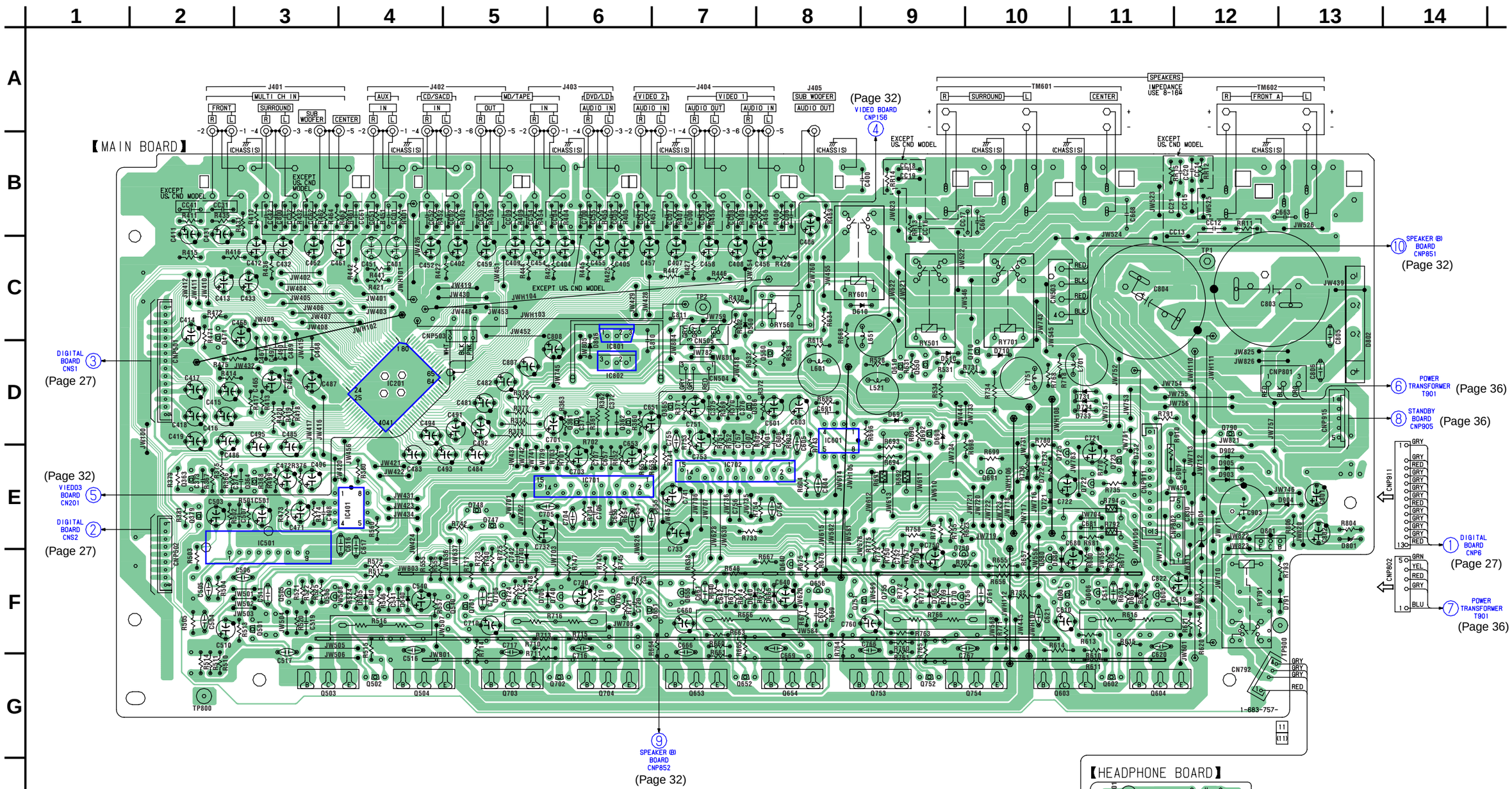
These are omitted.



These are omitted.

- Abbreviation
  CND : Canadian model.
  AUS : Australian model.
  JE : Tourist model.
  CH : Chinese model.
  MX : Mexican model.
  SP : Singapore model.
  MY : Malaysia model.
  TW : Taiwan model.
  AR : Argentine model.
  KR : Korean model.

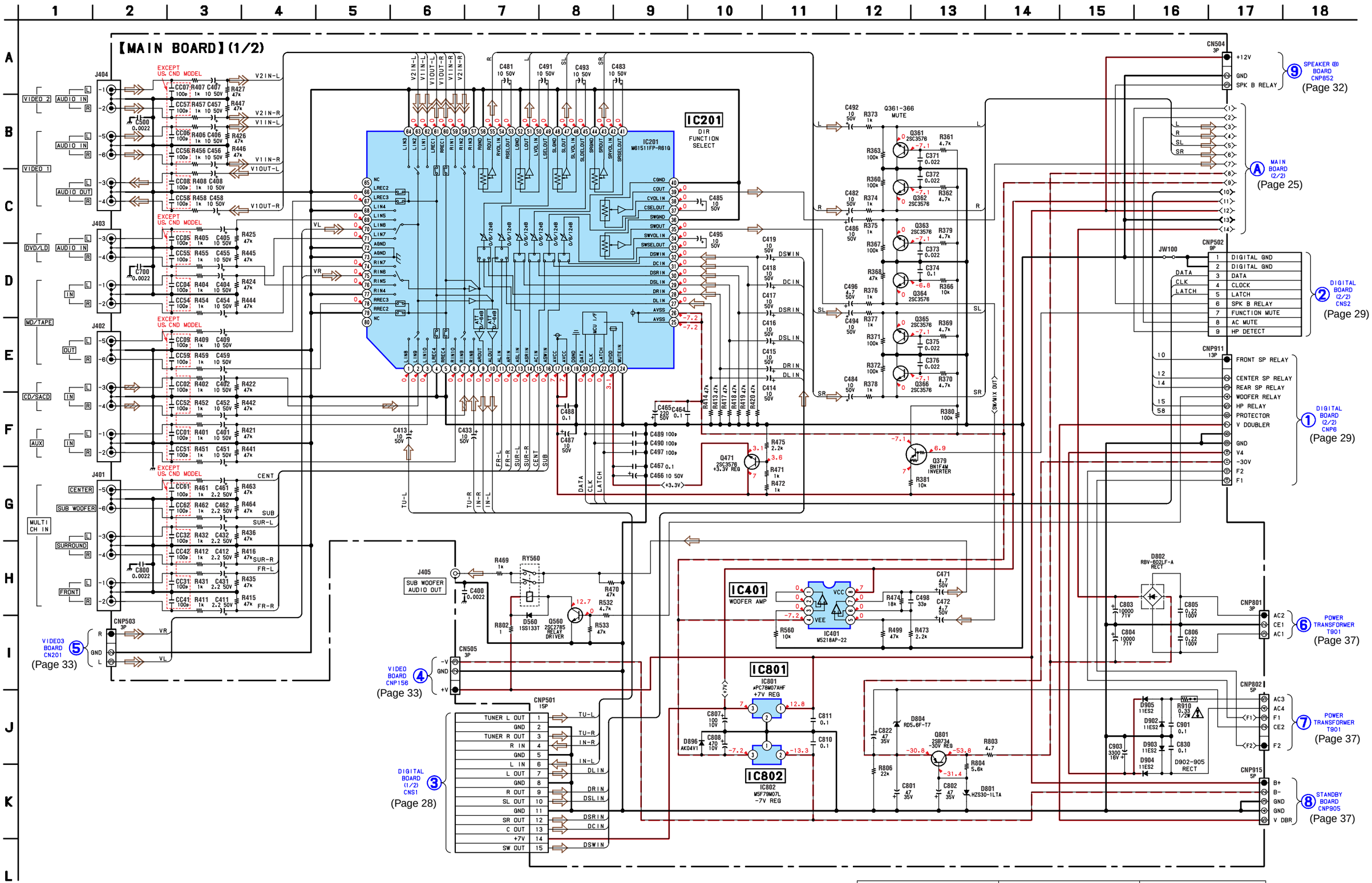
4-8. PRINTED WIRING BOARDS — MAIN SECTION — • Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



• **Semiconductor Location**

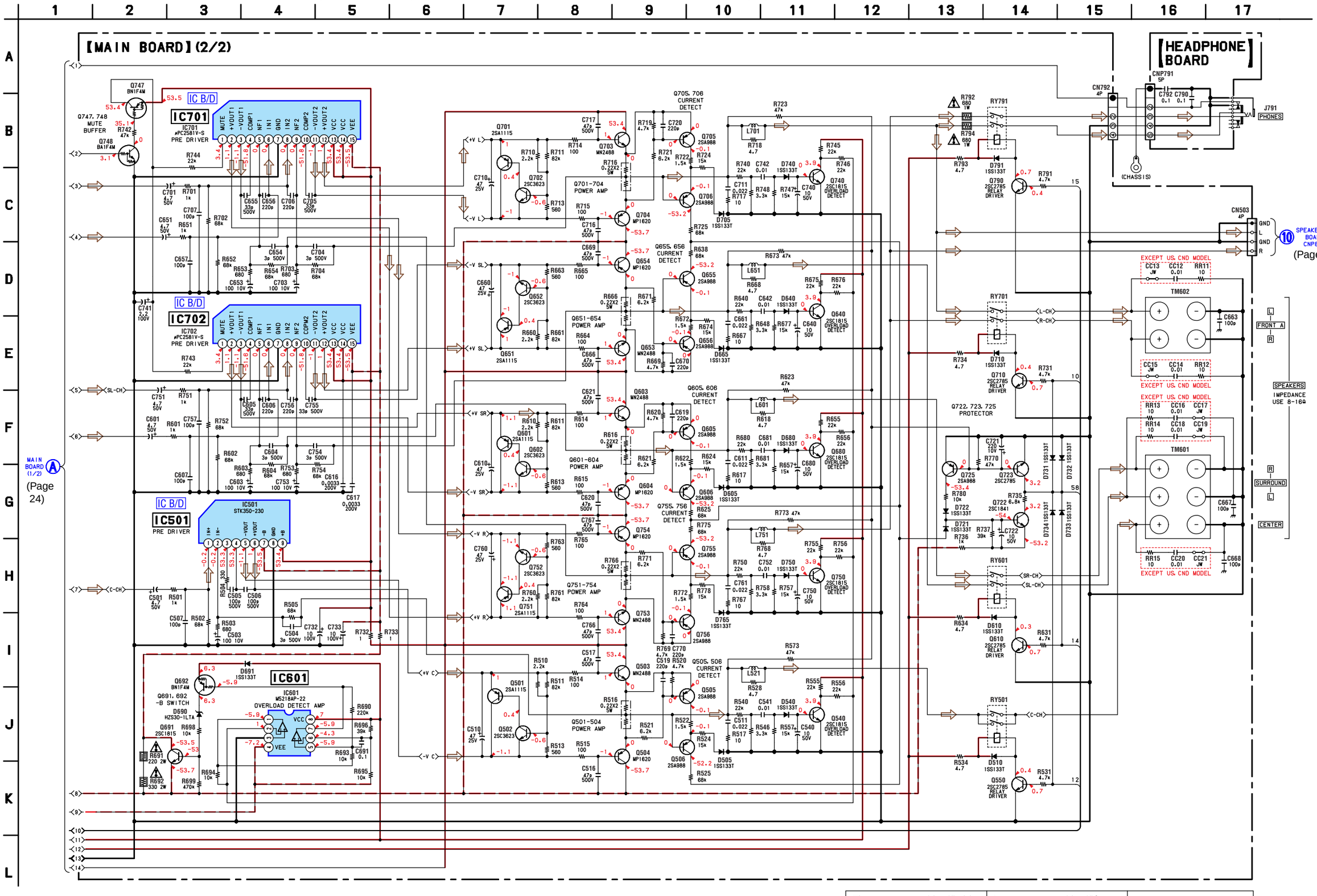
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D505	F-4	D733	D-11	IC501	E-3	Q503	G-3	Q653	G-7	Q740	F-6
D510	D-9	D734	D-11	IC601	D-8	Q504	G-4	Q654	G-7	Q747	E-5
D540	F-4	D740	F-5	IC701	E-6	Q505	F-3	Q655	F-7	Q748	E-5
D560	C-7	D750	E-9	IC702	D-7	Q506	F-3	Q656	F-8	Q750	F-9
D605	F-11	D765	F-9	IC801	D-6	Q540	F-5	Q680	F-10	Q751	F-8
D610	C-8	D791	F-13	IC802	D-6	Q550	D-9	Q691	E-10	Q752	G-9
D640	F-7	D801	E-13			Q560	D-7	Q692	D-9	Q753	G-9
D665	F-8	D802	D-13	Q361	D-6	Q601	F-10	Q701	F-5	Q754	G-10
D680	F-10	D804	E-12	Q362	D-6	Q602	G-11	Q702	G-6	Q755	F-9
D690	D-9	D896	D-6	Q363	E-2	Q603	G-10	Q703	G-5	Q756	F-10
D691	D-9	D902	E-12	Q364	E-3	Q604	G-11	Q704	G-6	Q790	D-12
D705	F-5	D903	E-12	Q365	D-7	Q605	F-11	Q705	F-6	Q801	E-12
D710	D-10	D904	E-13	Q366	D-7	Q606	F-11	Q706	F-5		
D721	E-10	D905	E-12	Q379	E-2	Q610	D-9	Q710	D-10		
D722	E-10			Q471	C-2	Q640	F-8	Q722	E-10		
D731	D-11	IC201	D-4	Q501	F-3	Q651	F-7	Q723	E-11		
D732	E-11	IC401	E-4	Q502	G-4	Q652	G-7	Q725	E-10		

4-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 22 for Common Note on Schematic Diagram.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

4-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 22 for Common Note on Schematic Diagram and page 38 for IC Block Diagrams.



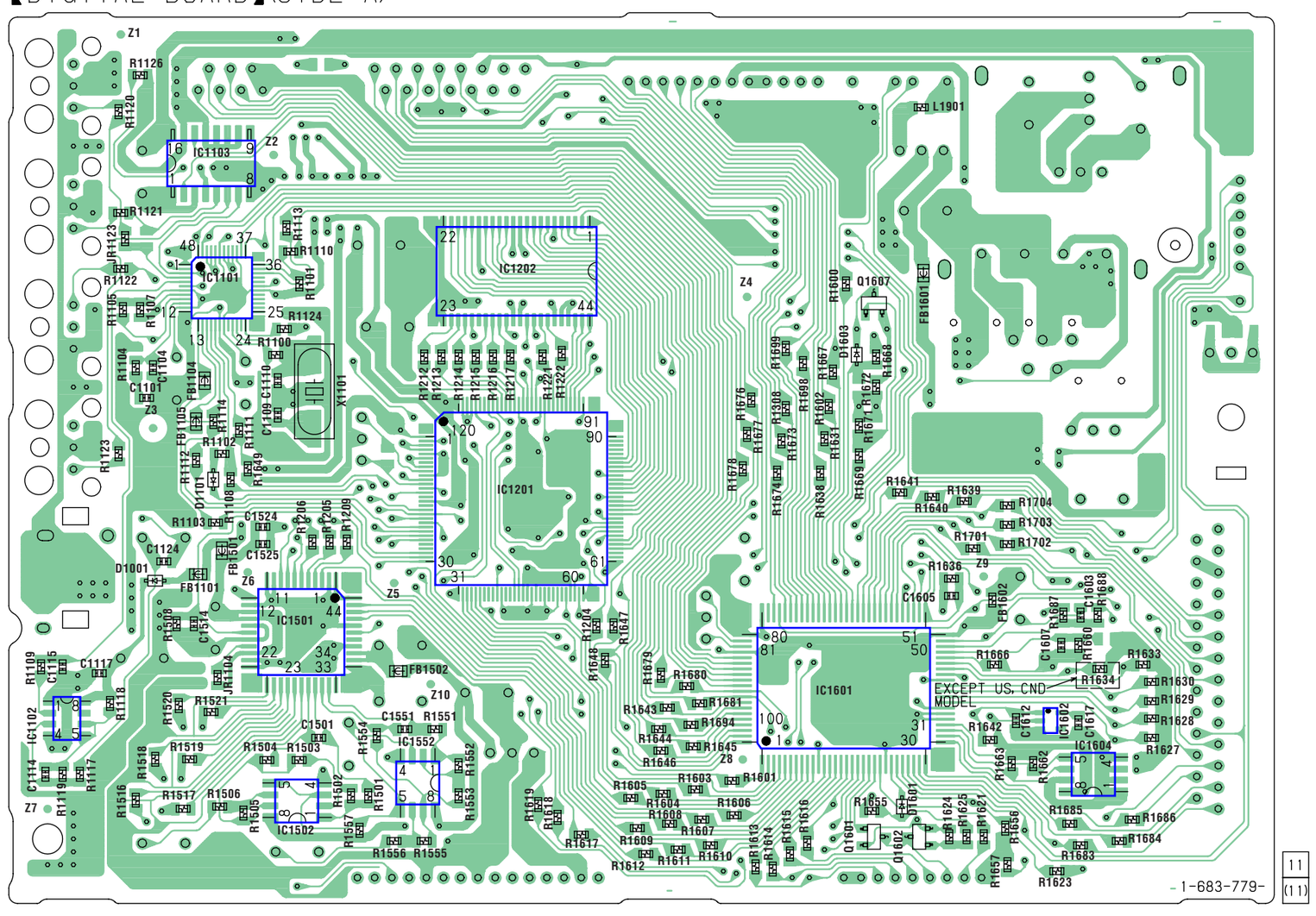
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

4-11. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — **• Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.**

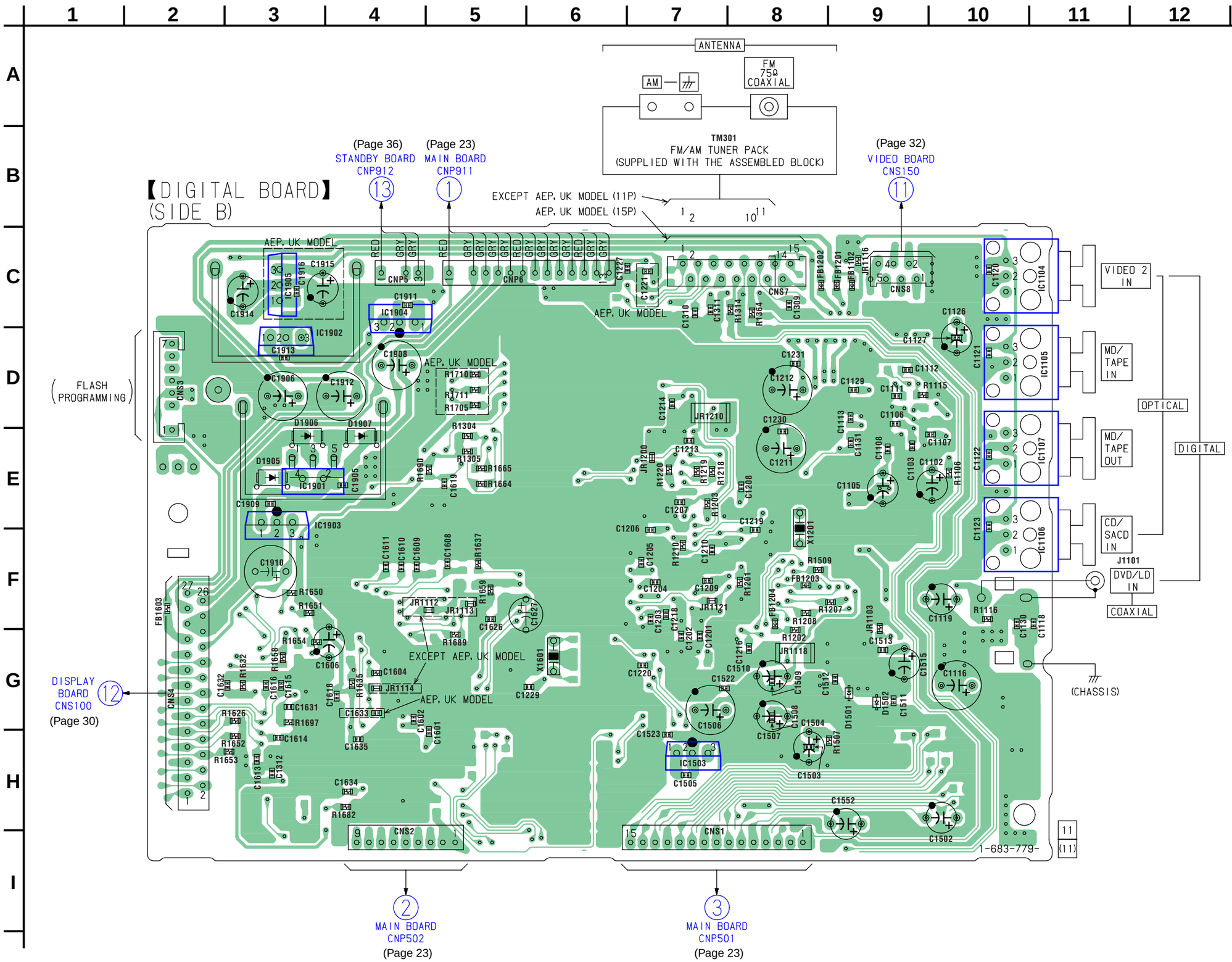
• Semiconductor Location (Side A)

Ref. No.	Location
D1001	F-10
D1101	F-9
D1601	H-4
D1603	E-5
IC1101	D-9
IC1102	H-11
IC1103	C-9
IC1201	F-7
IC1202	D-7
IC1501	G-9
IC1502	H-9
IC1552	H-8
IC1601	G-5
IC1602	G-4
IC1604	H-3
Q1601	H-5
Q1602	H-4
Q1607	D-5

【DIGITAL BOARD】(SIDE A)



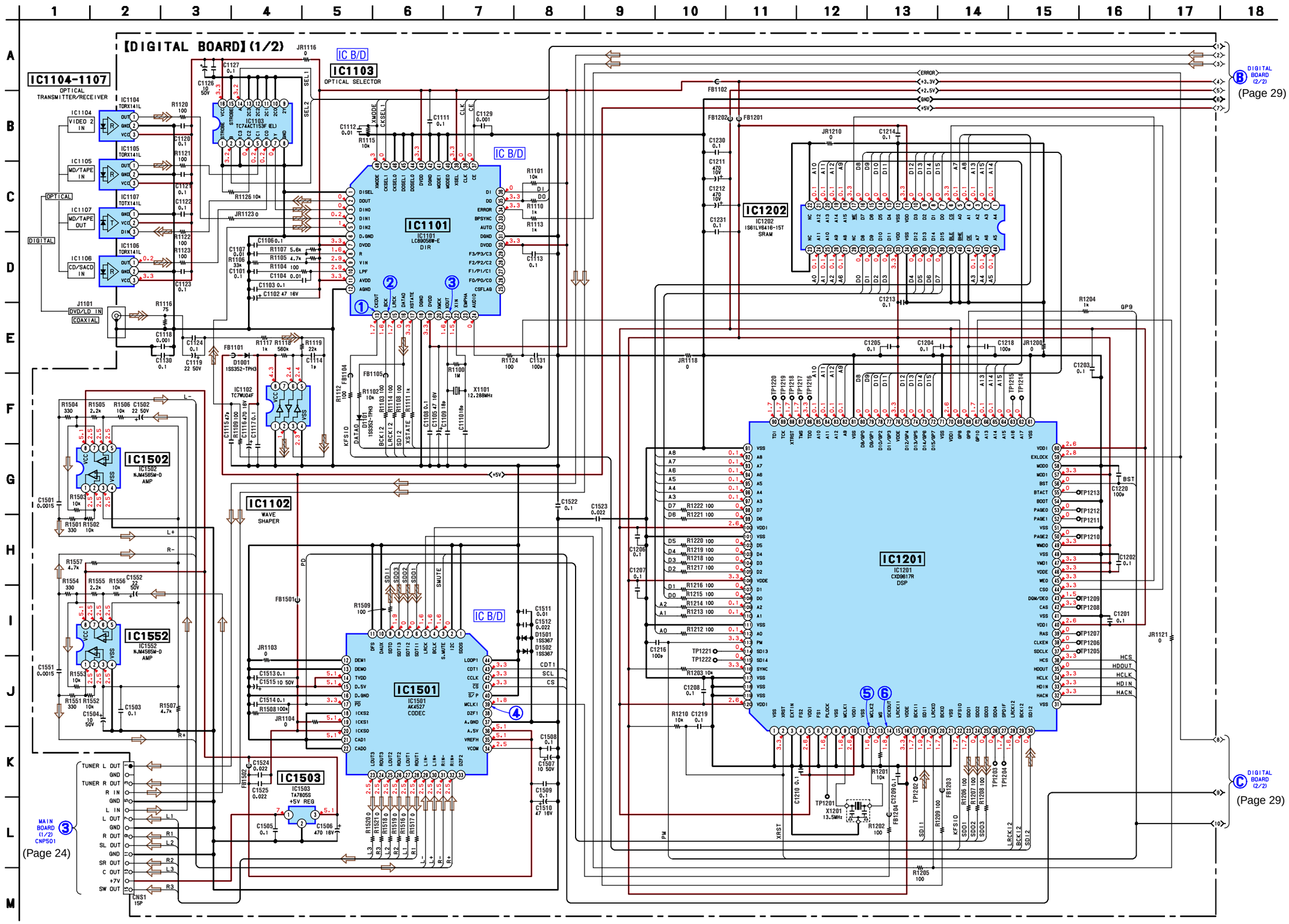
4-12. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — **• Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.**



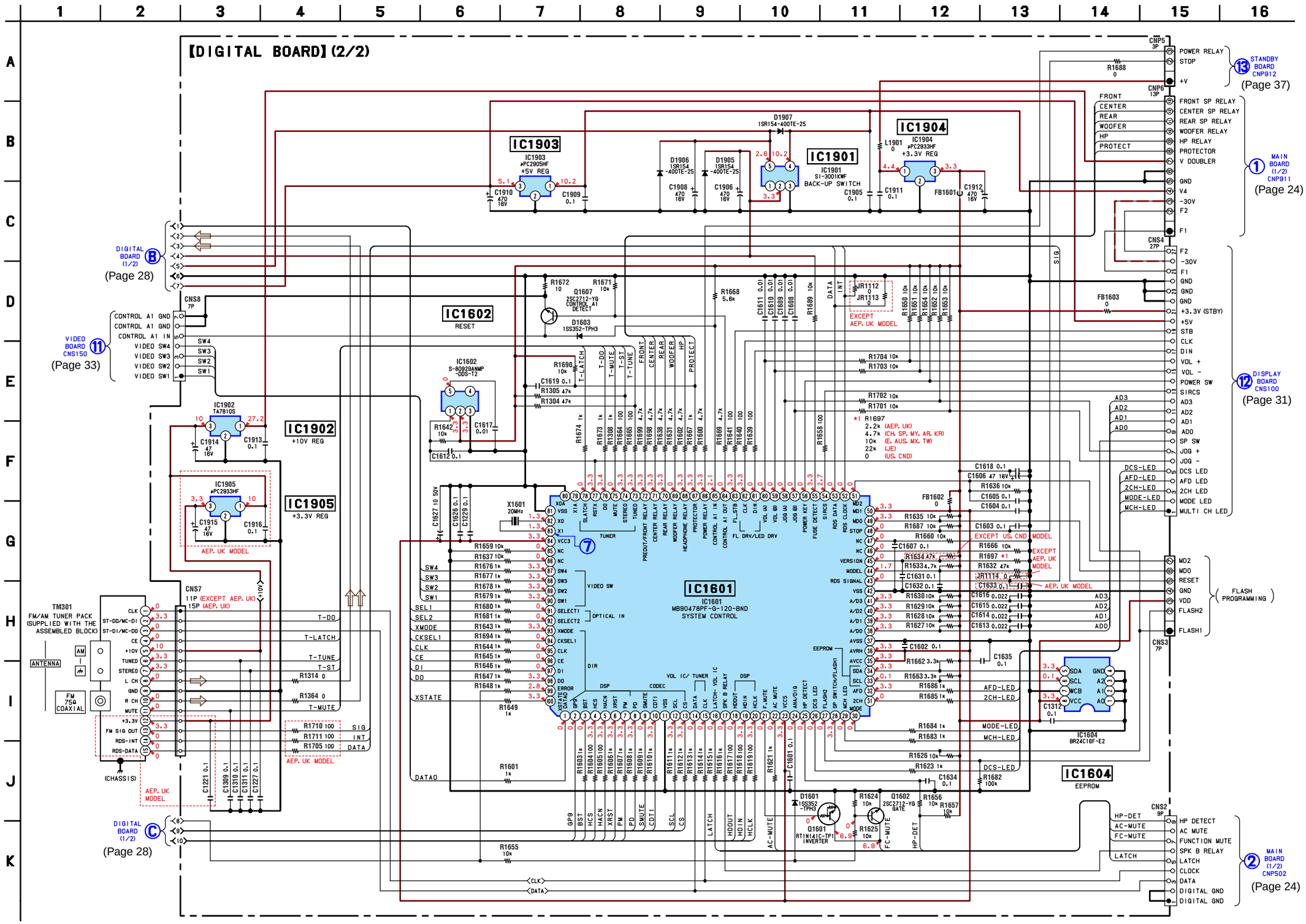
- **Semiconductor Location (Side B)**

Ref. No.	Location
D1501	G-9
D1502	G-9
D1905	E-3
D1906	D-3
D1907	D-4
IC1104	C-10
IC1105	D-10
IC1106	F-11
IC1107	E-11
IC1503	H-7
IC1901	E-3
IC1902	D-4
IC1903	E-3
IC1904	C-4
IC1905	C-3

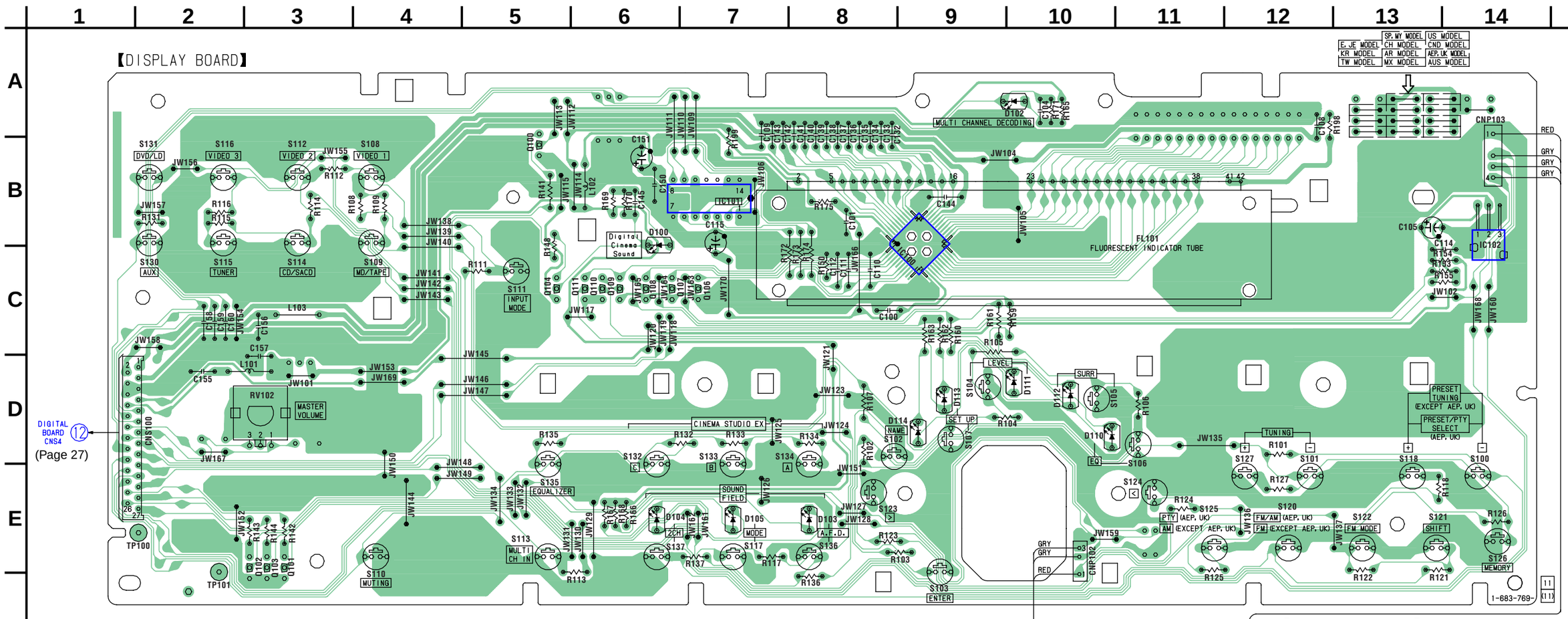
4-13. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/2) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms and page 38 for IC Block Diagrams.



4-14. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/2) — • Refer to page 22 for Common Note on Schematic Diagram and Waveforms.



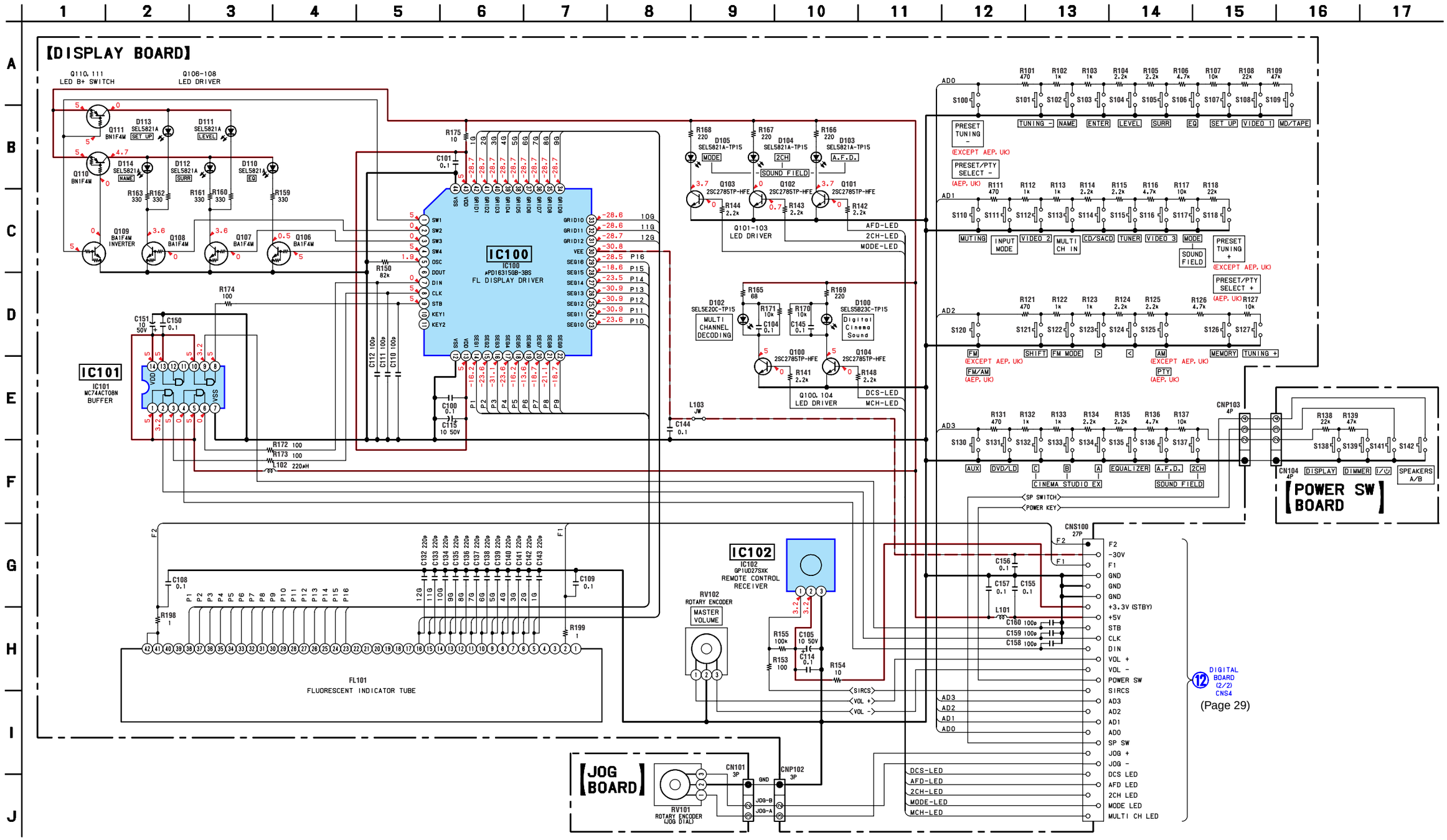
4-15. PRINTED WIRING BOARDS — DISPLAY SECTION — • Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



- **Semiconductor Location**

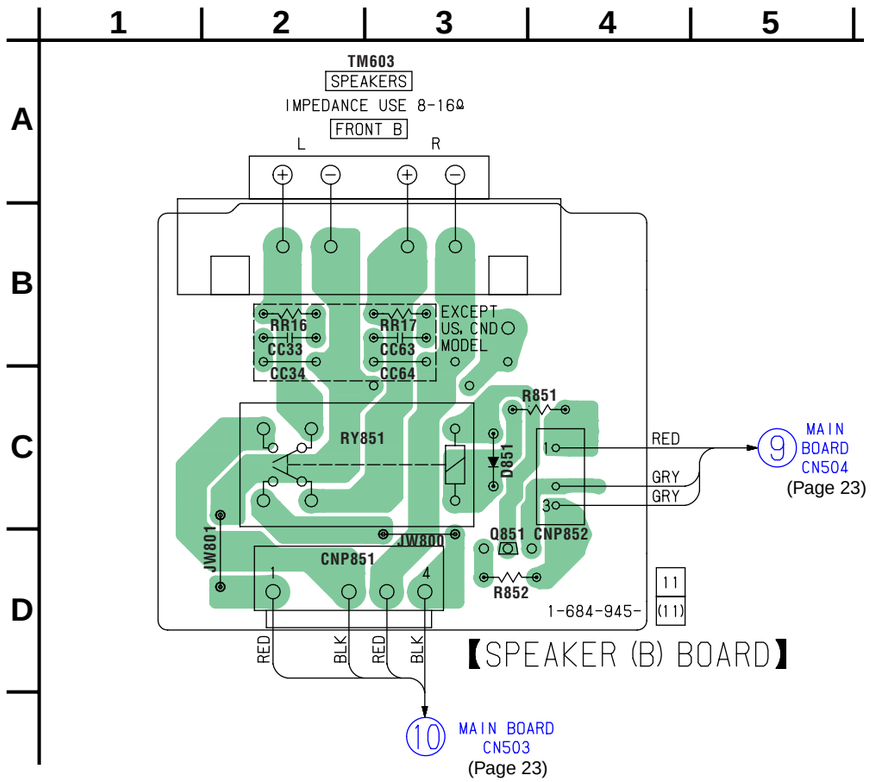
Ref. No.	Location
D100	B-6
D102	A-10
D103	E-8
D104	E-6
D105	E-7
D110	D-10
D111	D-10
D112	D-10
D113	D-9
D114	D-9
IC100	C-9
IC101	B-7
IC102	C-14
Q100	B-5
Q101	E-3
Q102	E-3
Q103	E-3
Q104	C-5
Q106	C-7
Q107	C-7
Q108	C-6
Q109	C-6
Q110	C-6
Q111	C-6

4-16. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 22 for Common Note on Schematic Diagram.



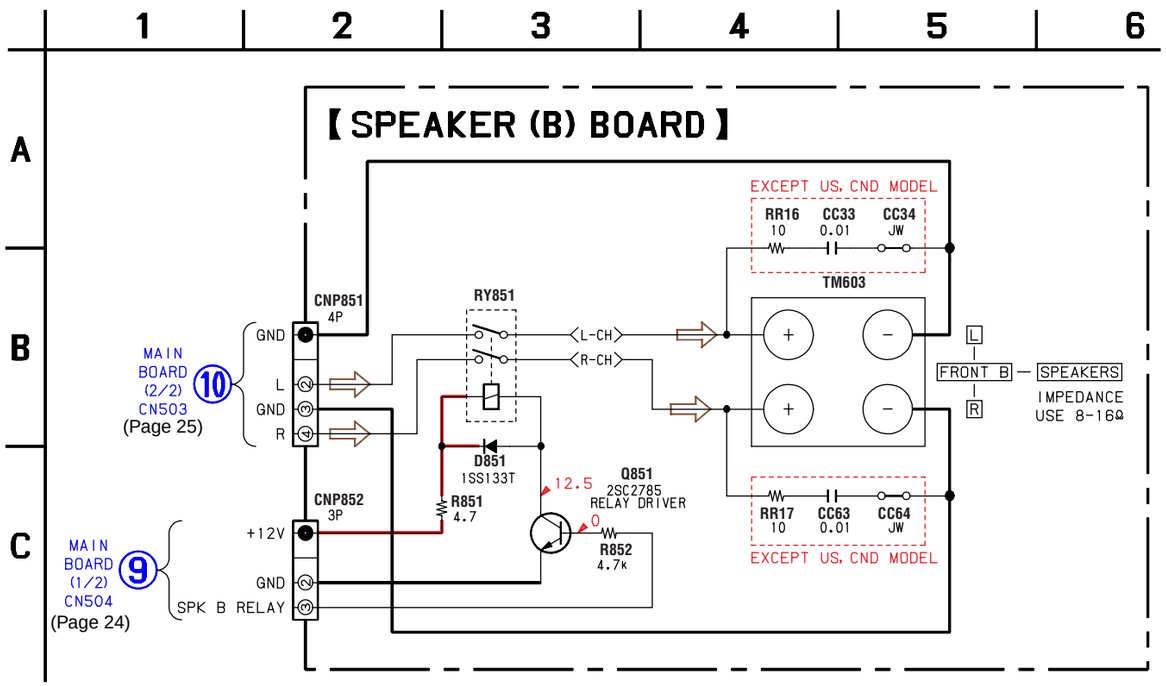
4-17. PRINTED WIRING BOARD — SPEAKER B SECTION —

• Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



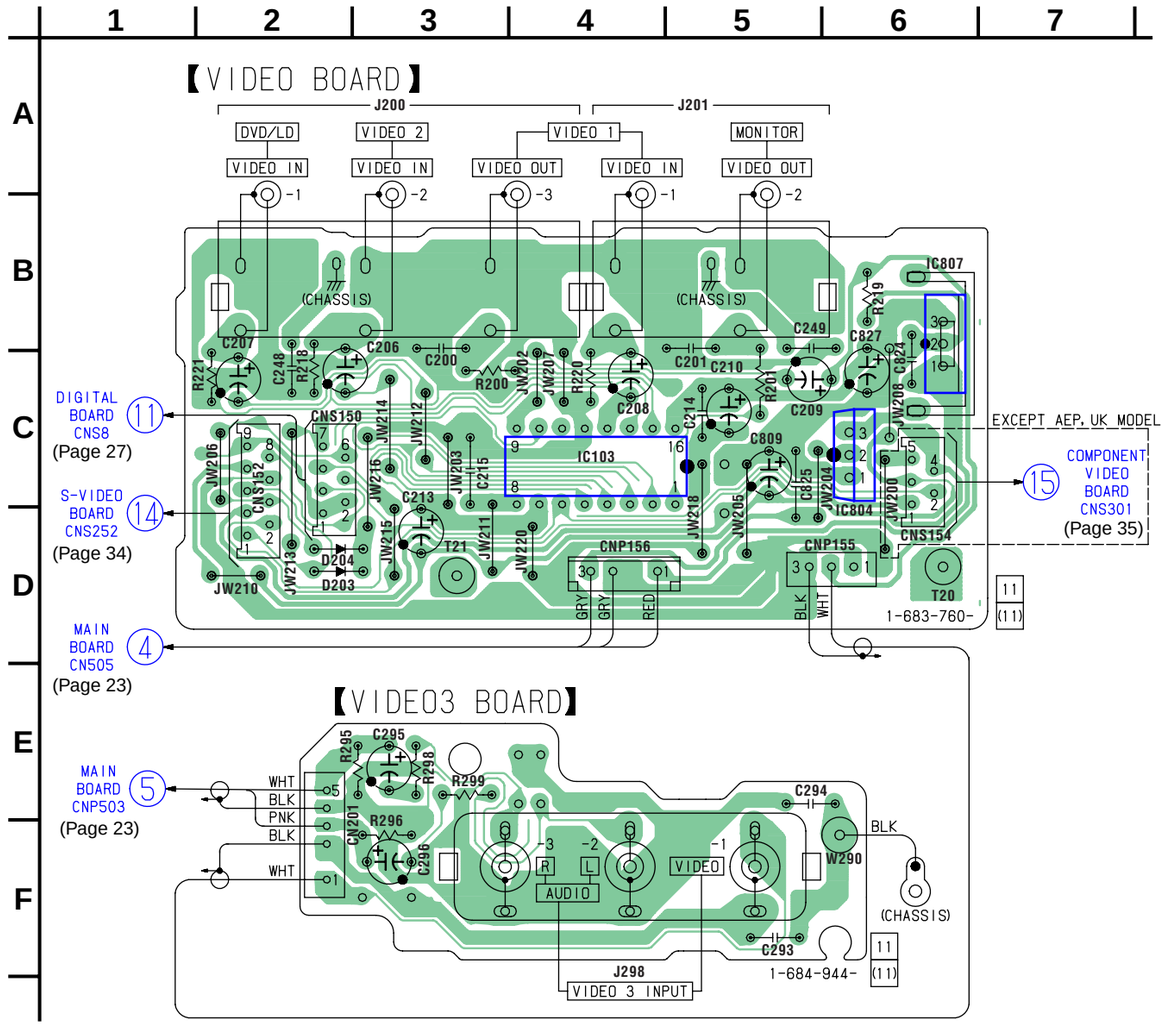
4-18. SCHEMATIC DIAGRAM — SPEAKER B SECTION —

• Refer to page 22 for Common Note on Schematic Diagram.



4-19. PRINTED WIRING BOARDS — VIDEO SECTION —

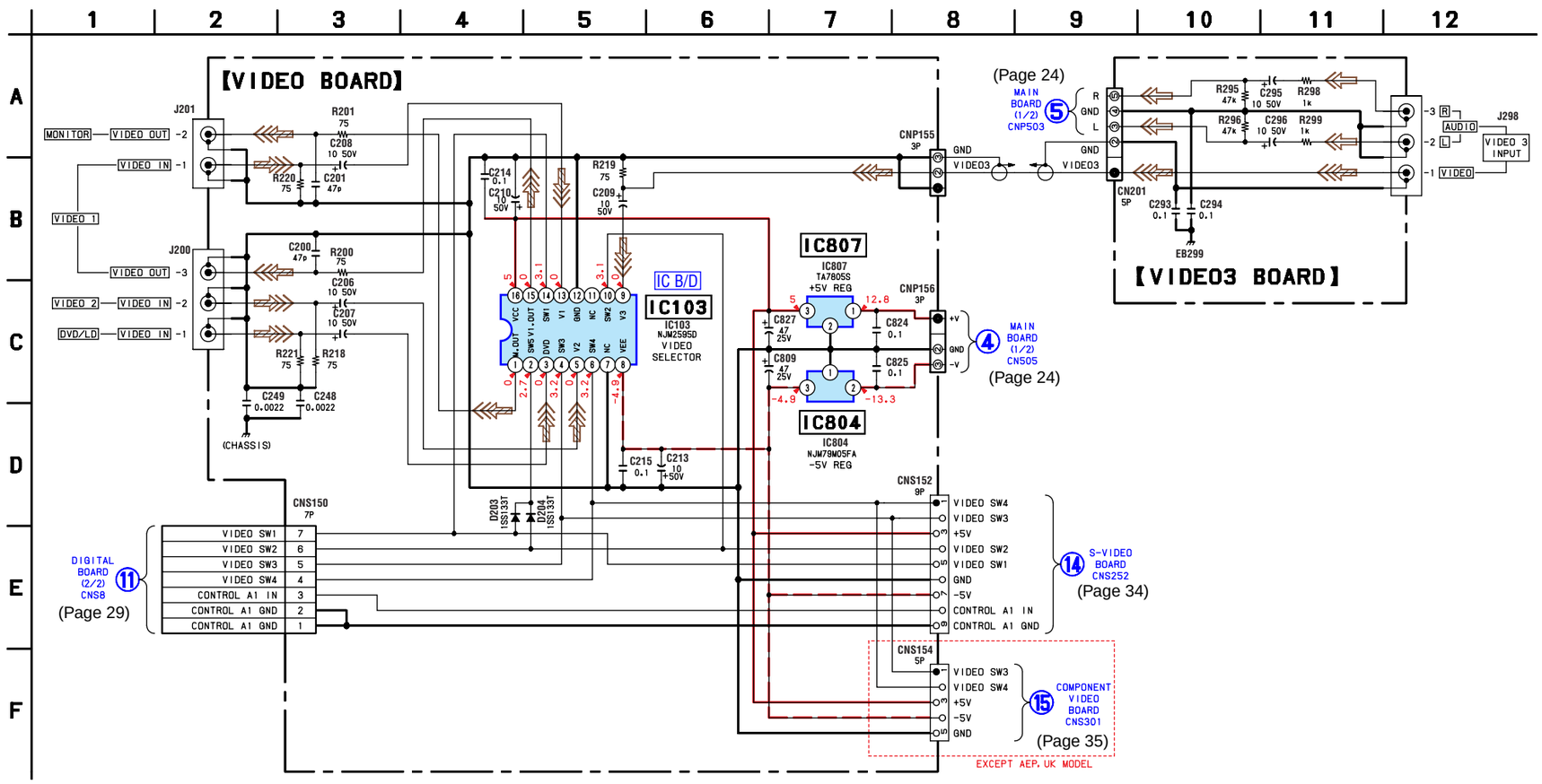
• Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



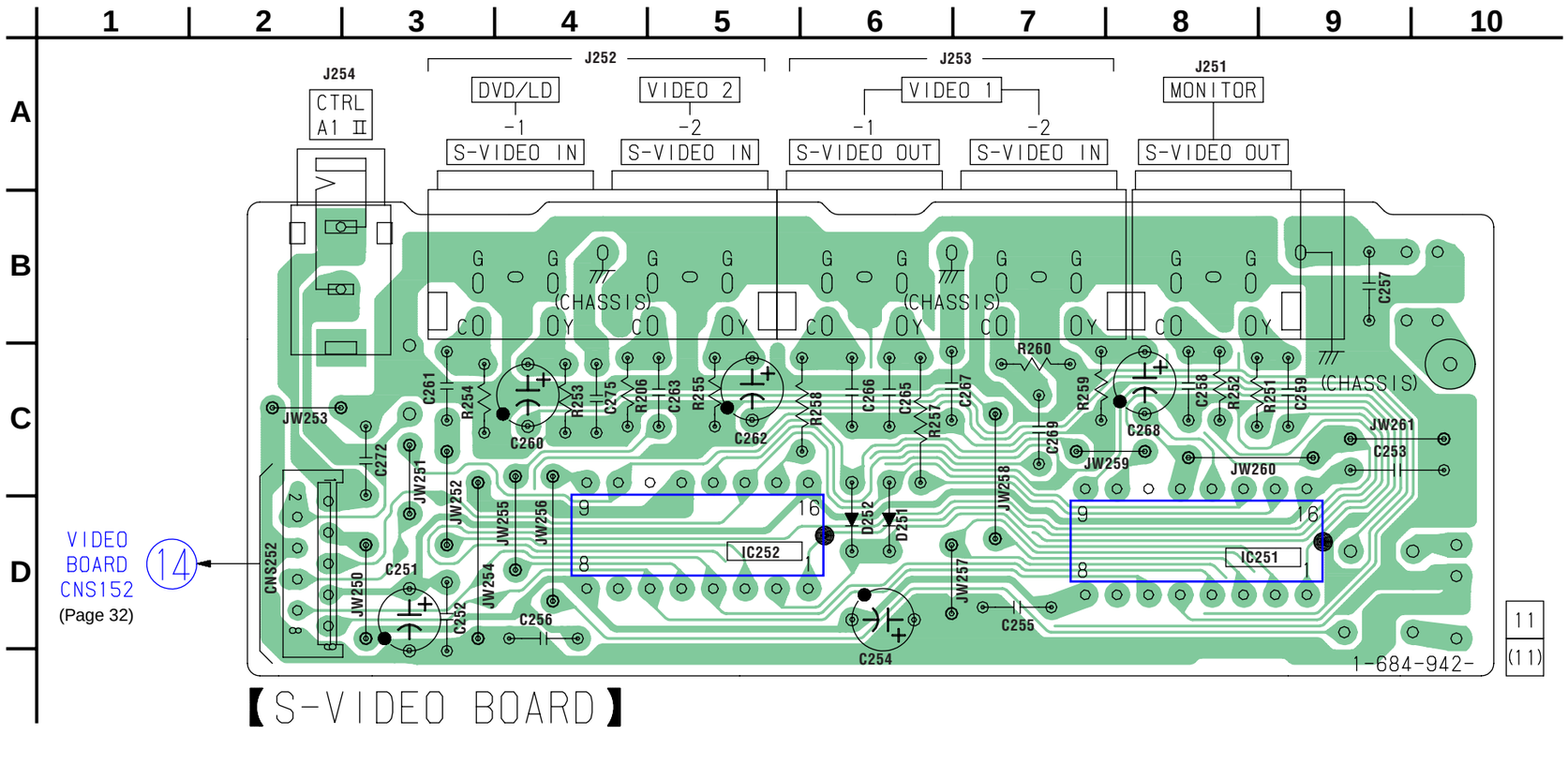
• **Semiconductor Location**

Ref. No.	Location
D203	D-2
D204	D-2
IC103	C-4
IC804	C-6
IC807	B-6

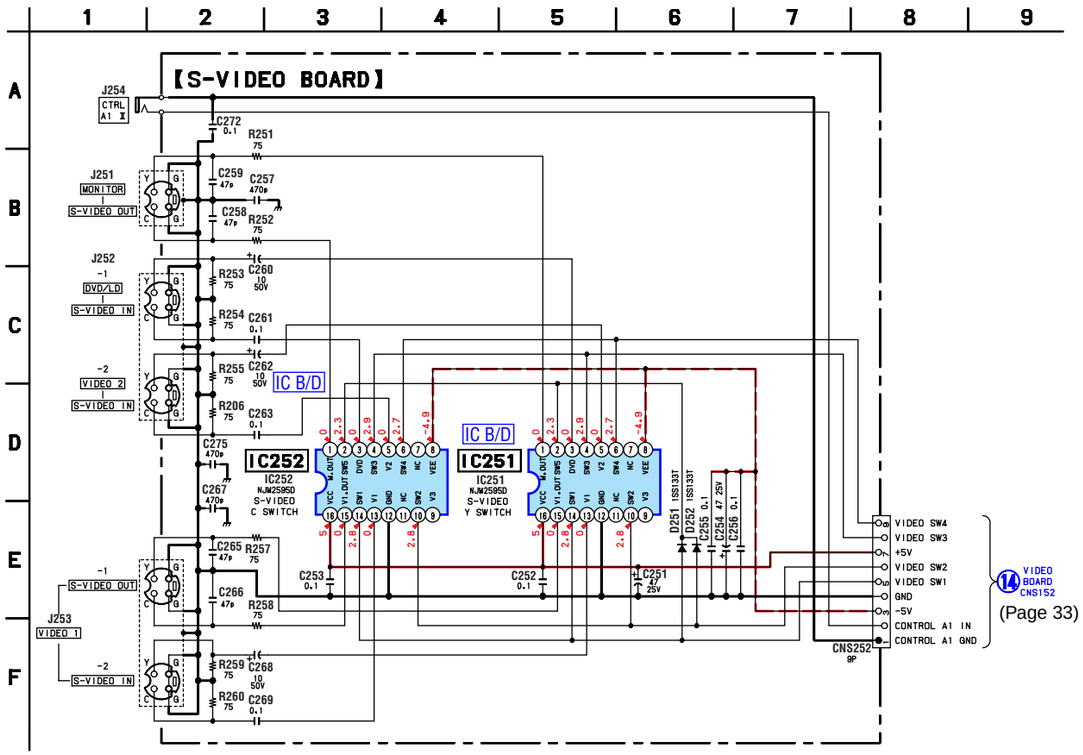
4-20. SCHEMATIC DIAGRAM — VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 38 for IC Block Diagrams.



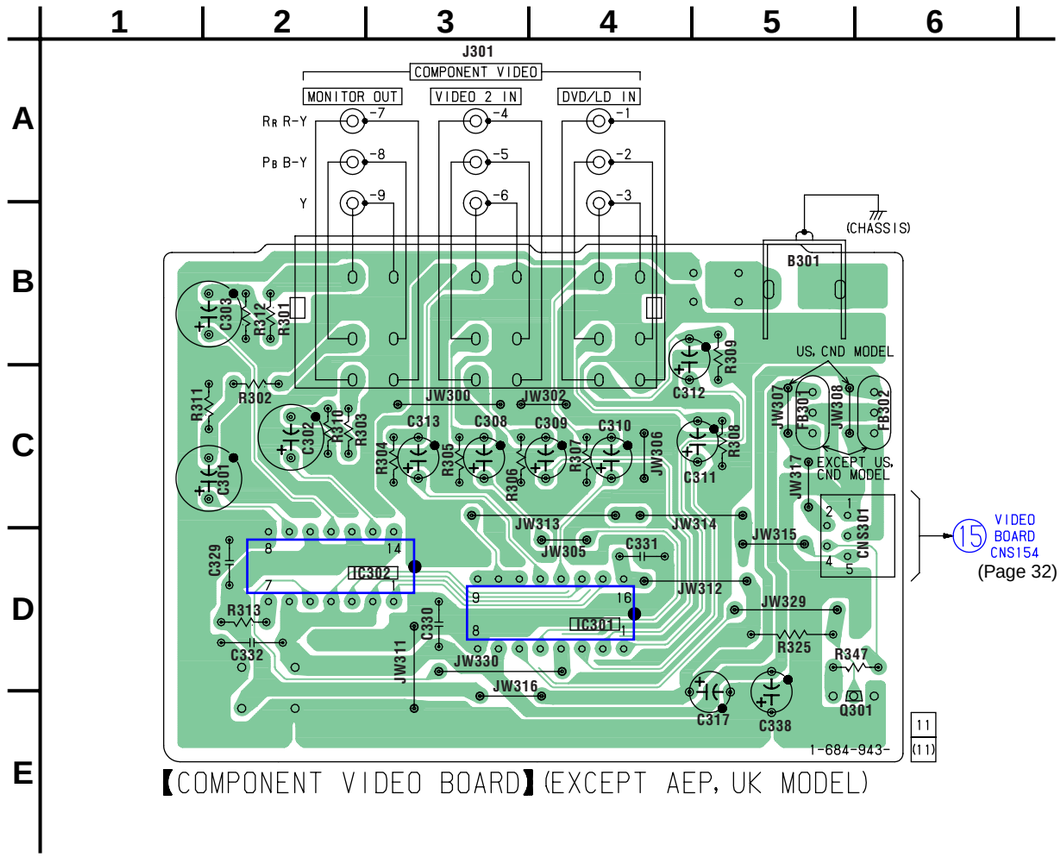
4-21. PRINTED WIRING BOARD — S-VIDEO SECTION — • Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



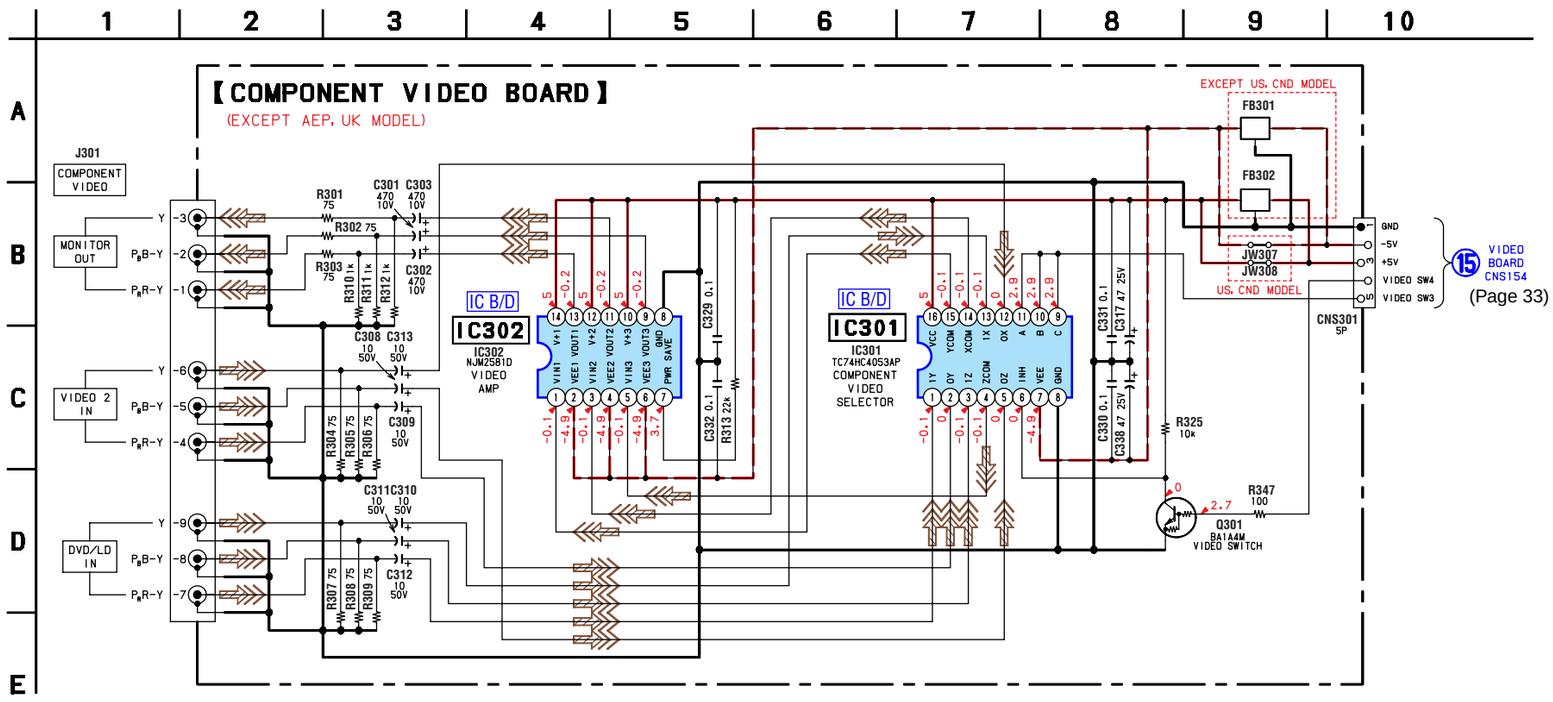
4-22. SCHEMATIC DIAGRAM — S-VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 38 for IC Block Diagrams.



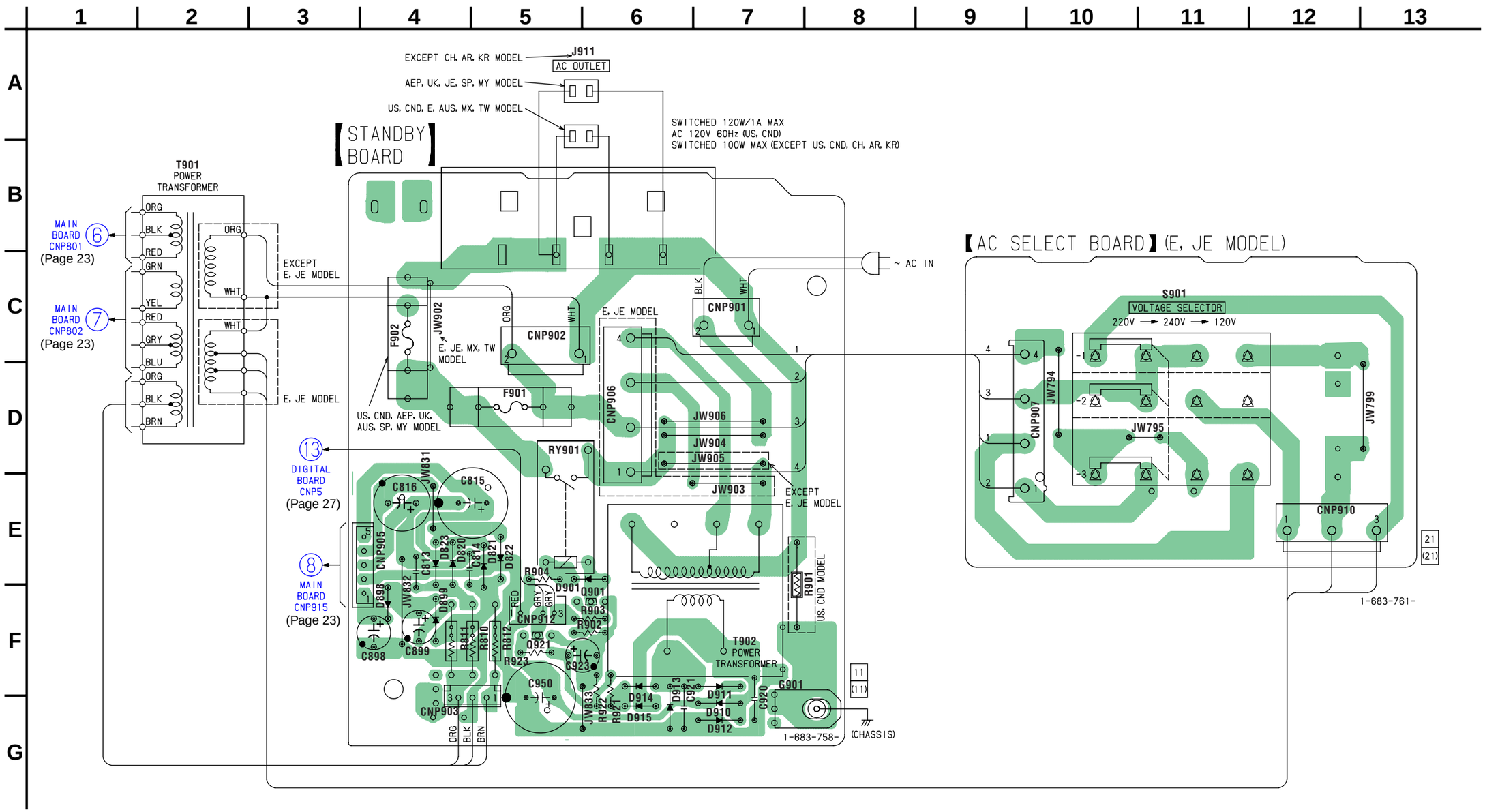
4-23. PRINTED WIRING BOARD — COMPONENT VIDEO SECTION — • Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



4-24. SCHEMATIC DIAGRAM — COMPONENT VIDEO SECTION — • Refer to page 22 for Common Note on Schematic Diagram and page 39 for IC Block Diagrams.



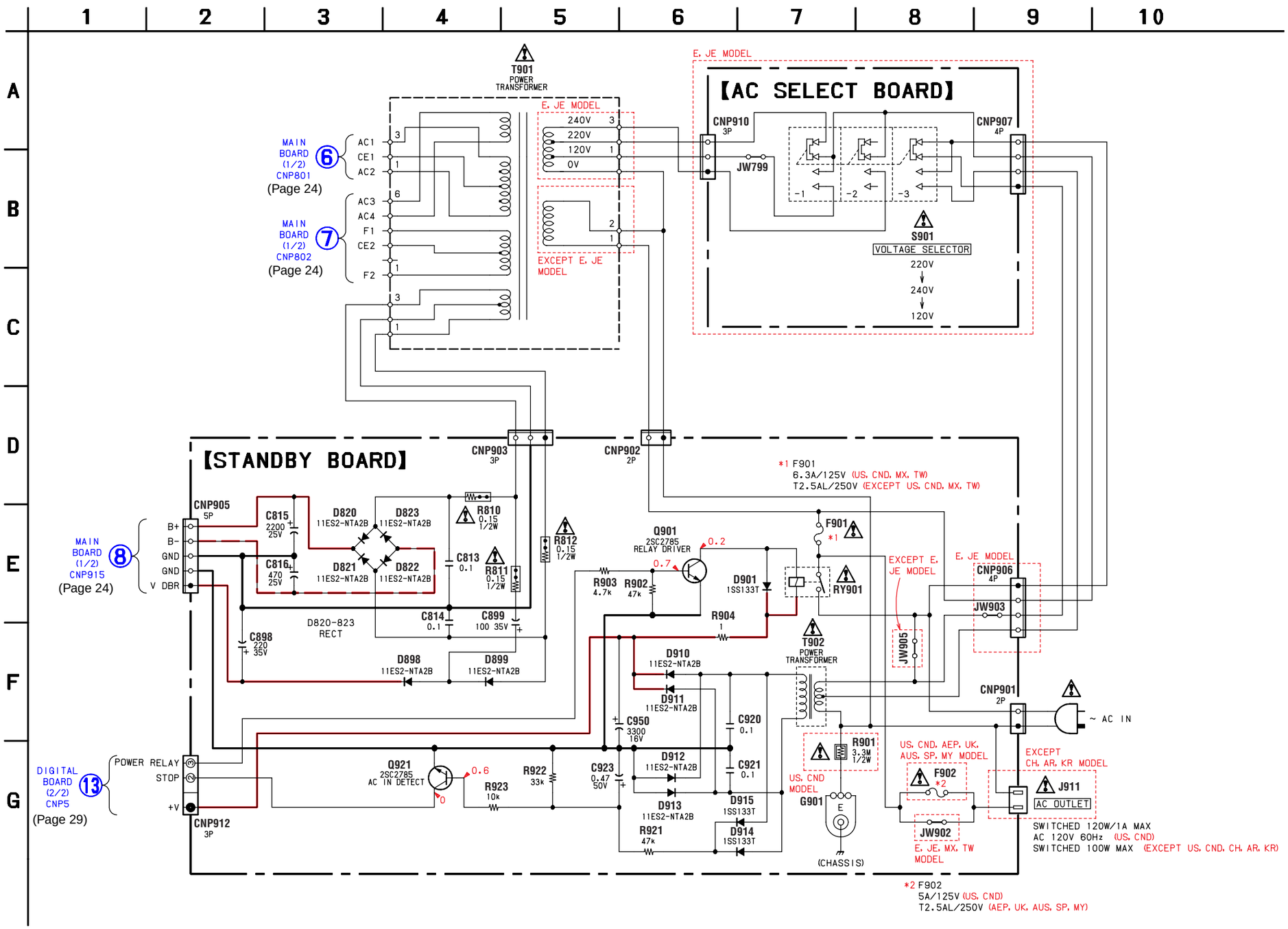
4-25. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 22 for Circuit Boards Location and Common Note on Printed Wiring Boards.



- **Semiconductor Location**

Ref. No.	Location
D820	E-4
D821	E-5
D822	E-5
D823	E-4
D898	F-4
D899	F-4
D901	E-5
D910	G-7
D911	F-7
D912	G-7
D913	F-6
D914	F-6
D915	G-6
Q901	F-6
Q921	F-5

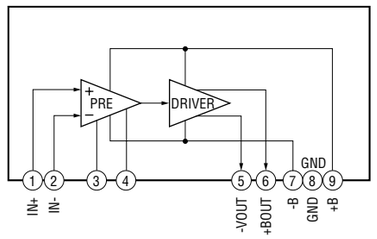
4-26. SCHEMATIC DIAGRAM — POWER SECTION — • Refer to page 22 for Common Note on Schematic Diagram.



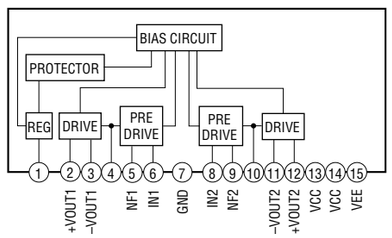
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

4-27. IC BLOCK DIAGRAMS

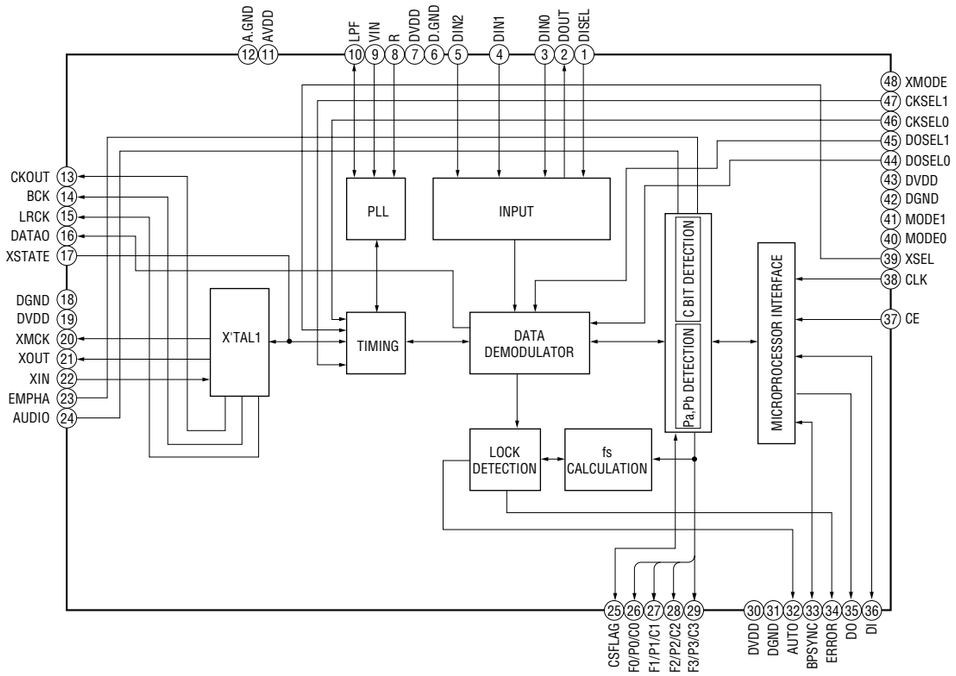
IC501 STK350-230 (MAIN BOARD (2/2))



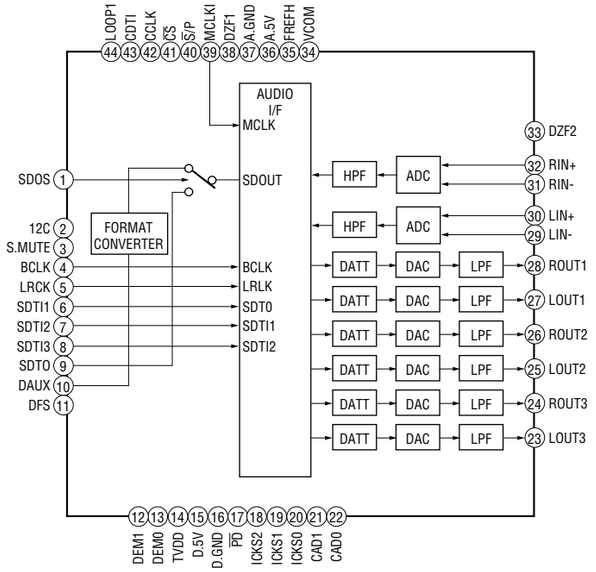
IC701, 702 µPC2581V-S (MAIN BOARD (2/2))



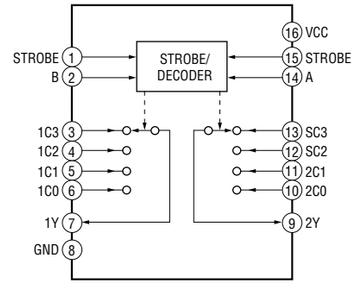
IC1101 LC89056W-E (DIGITAL BOARD (1/2))



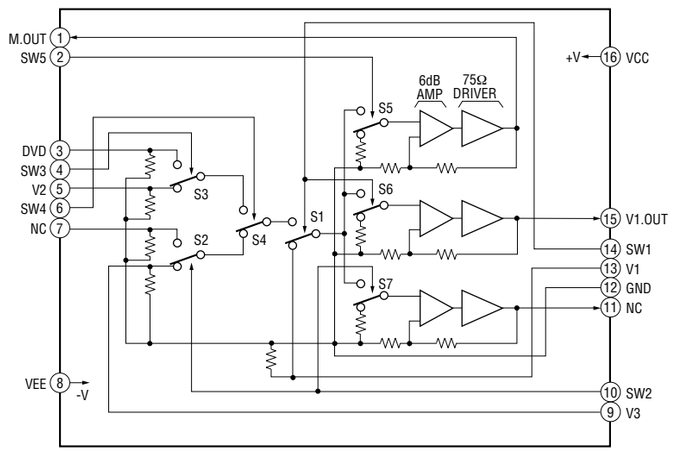
IC1501 AK4527 (DIGITAL BOARD (1/2))



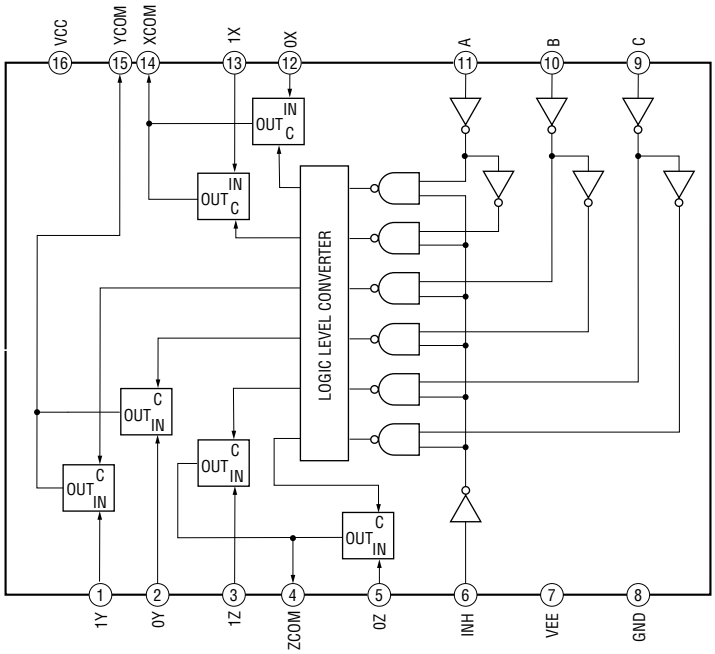
IC1103 TC74ACT153F (EL) (DIGITAL BOARD (1/2))



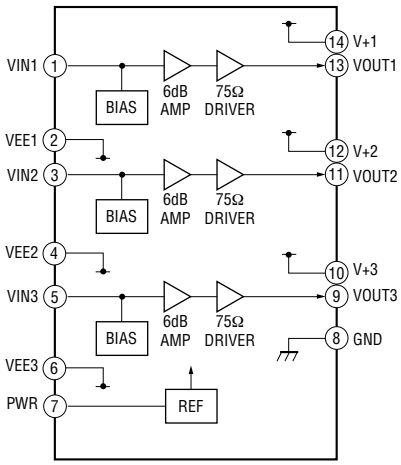
IC103 NJM2595D (VIDEO BOARD)
IC251, 252 NJM2595D (S-VIDEO BOARD)



IC301 TC74HC4053AP (COMPONENT VIDEO BOARD) (EXCEPT AEP, UK MODEL)



IC302 NJM2581D (COMPONENT VIDEO BOARD) (EXCEPT AEP, UK MODEL)



SECTION 5
EXPLODED VIEWS

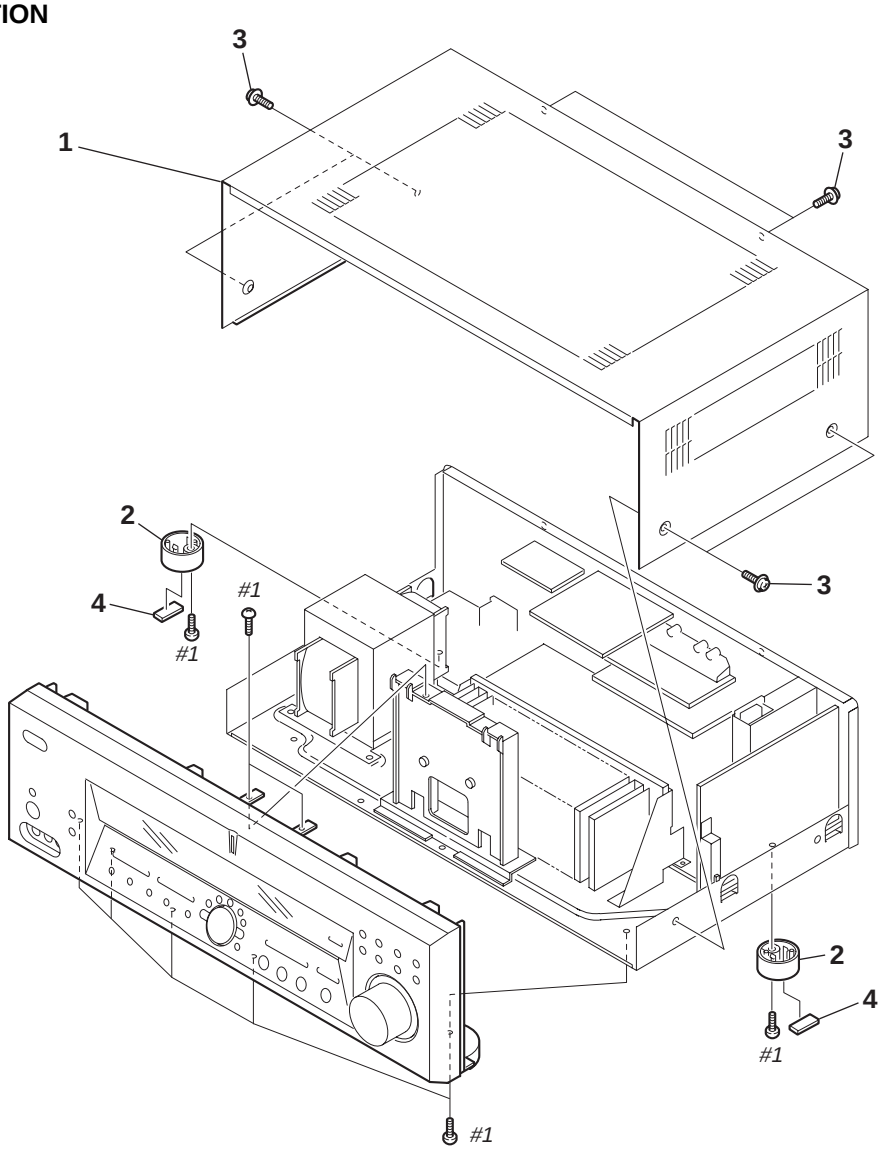
NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.
- Abbreviation
  CND : Canadian model
  AUS : Australian model
  JE : Tourist model
  CH : Chinese model
  MX : Mexican model
  SP : Singapore model
  MY : Malaysia model
  TW : Taiwan model
  AR : Argentina model
  KR : Korean model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

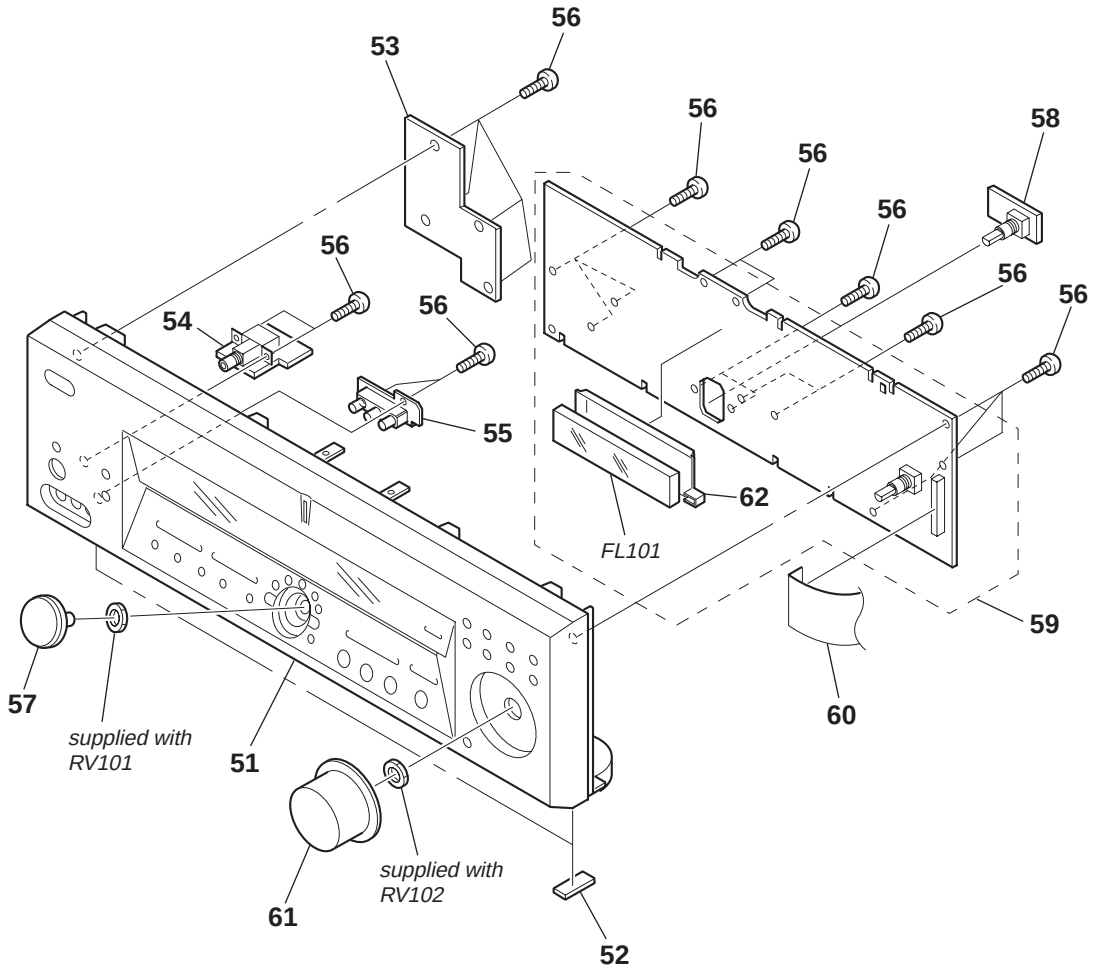
以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

5-1. CASE SECTION



Ref. No.	Part No.	Description	Remark
1	4-232-418-21	CASE (SILVER)...(SILVER) (AEP,UK,E,MX,AR)	
1	4-232-418-41	CASE (GOLD)...(GOLD) (JE)	
1	4-235-766-01	CASE (BLACK)...(BLACK) (US,CND,AEP,UK,AUS,MX)	
1	4-235-766-41	CASE (GOLD)...(GOLD) (CH,SP,MY,TW,KR)	
2	4-232-237-01	FOOT (DIA.30)	
3	4-210-291-01	SCREW (CASE 3 TP2) (BLACK)...(BLACK) (US,CND,AEP,UK,AUS,MX)	
3	4-210-291-11	SCREW (CASE 3 TP2) (SILVER)...(SILVER,GOLD) (EXCEPT US,CND,AUS)	
4	4-921-941-01	CUSHION	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

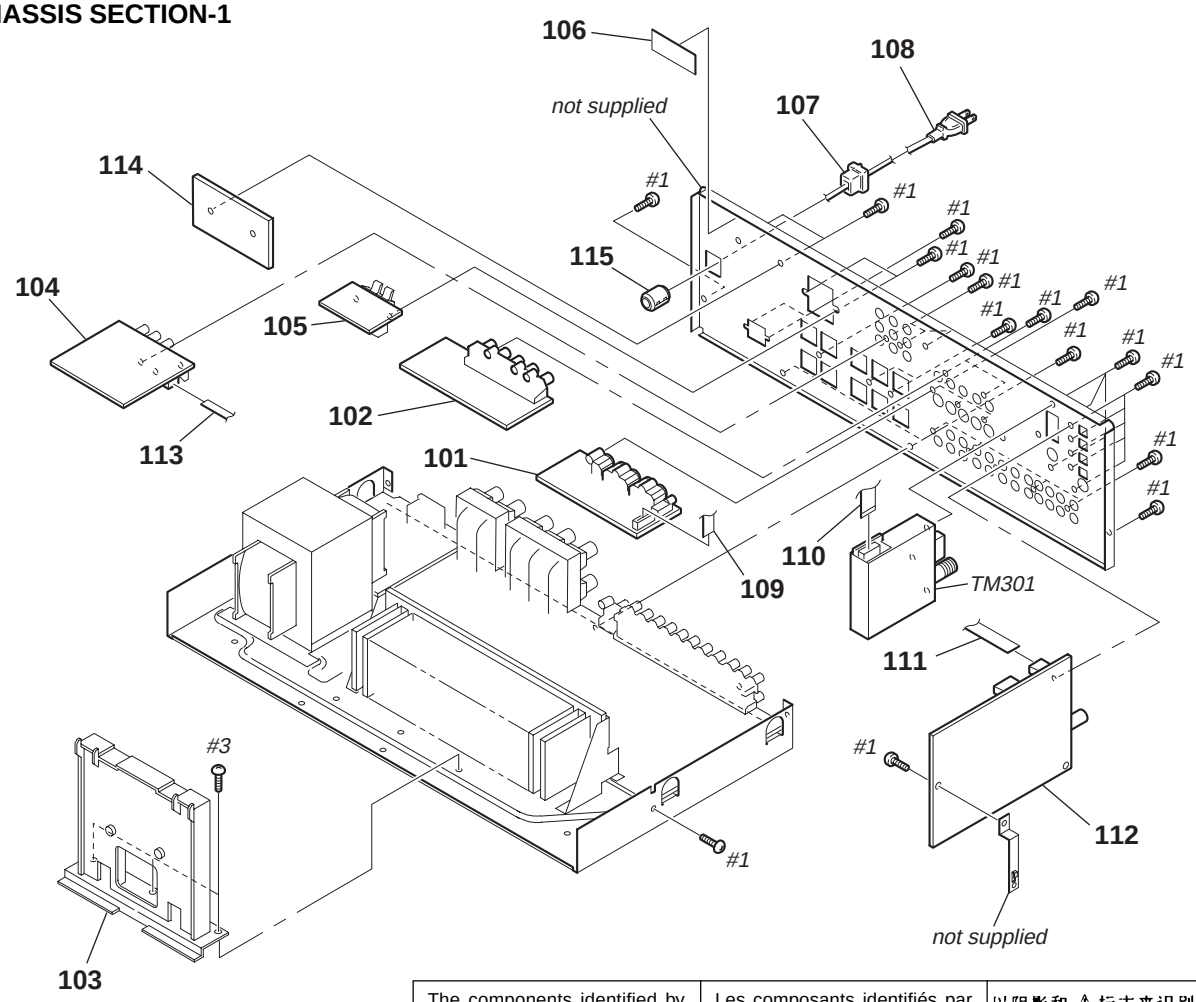
5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
51	X-4954-438-1	PANEL ASSY, FRONT (BLACK)...(BLACK) (US)	
51	X-4954-439-1	PANEL ASSY, FRONT (BLACK)...(BLACK) (CND)	
51	X-4954-440-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(AUS,MX)
51	X-4954-441-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(E,MX,AR)
51	X-4954-442-1	PANEL ASSY, FRONT (GOLD)...(GOLD)	(JE,CH,SP,MY,TW,KR)
51	X-4954-443-1	PANEL ASSY, FRONT (BLACK)...(BLACK)	(AEP,UK)
51	X-4954-444-1	PANEL ASSY, FRONT (SILVER)...(SILVER)	(AEP,UK)
52	4-921-941-01	CUSHION	
53	1-683-759-11	POWER SW BOARD	
54	1-683-763-11	HEADPHONE BOARD	
55	1-684-944-11	VIDEO3 BOARD	
56	4-951-620-01	SCREW (2.6X8), +BVTP	

Ref. No.	Part No.	Description	Remark
57	4-232-239-01	KNOB (JOG) (BLACK)...(BLACK)	(US,CND,AEP,UK,AUS,MX)
57	4-232-239-12	KNOB (JOG) (GOLD)...(GOLD)	(JE,CH,SP,MY,TW,KR)
57	4-232-239-22	KNOB (JOG) (SILVER)...(SILVER)	(AEP,UK,E,MX,AR)
58	1-683-764-11	JOG BOARD	
59	A-4727-865-A	DISPLAY BOARD, COMPLETE	
60	1-773-250-11	WIRE (FLAT TYPE) (27 CORE)	
61	4-232-113-01	KNOB (VOL) (BLACK)...(BLACK)	(US,CND,AEP,UK,AUS,MX)
61	4-232-113-12	KNOB (VOL) (SILVER)...(SILVER)	(AEP,UK,E,MX,AR)
61	4-232-113-22	KNOB (VOL) (GOLD)...(GOLD)	(JE,CH,SP,MY,TW,KR)
62	3-386-245-21	HOLDER (FL)	
FL101	1-518-718-11	INDICATOR TUBE, FLUORESCENT	

5-3. CHASSIS SECTION-1

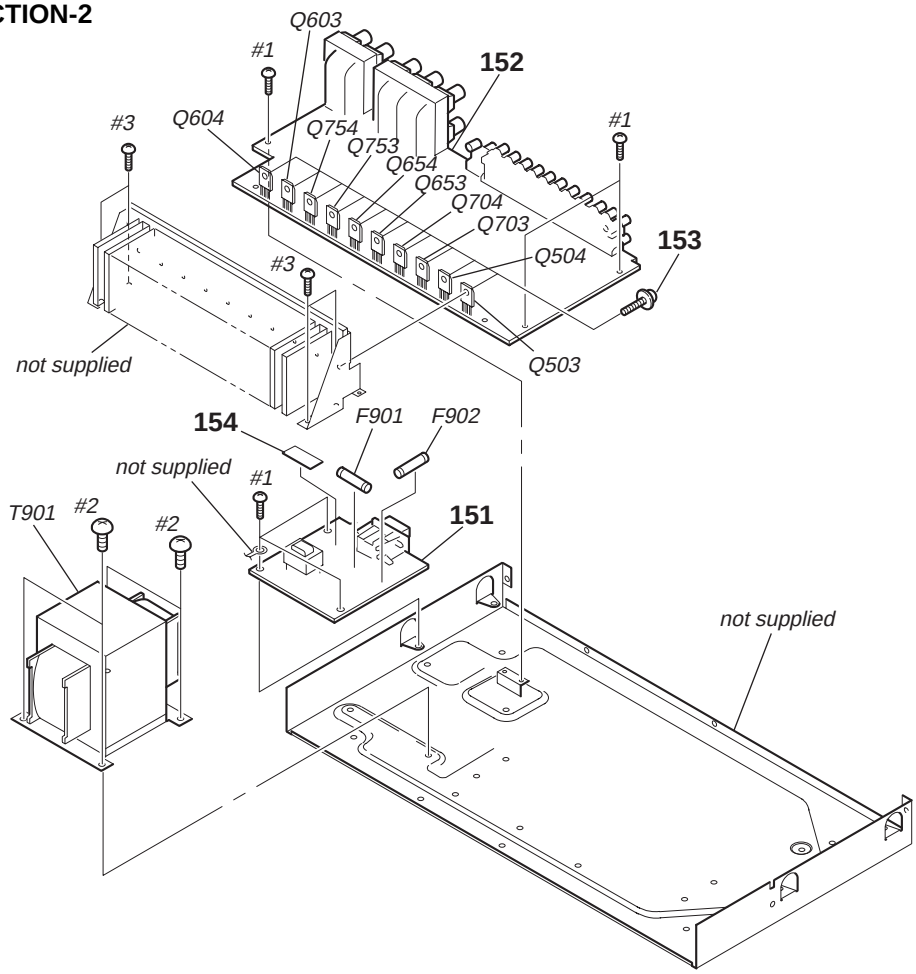


The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性．因此只能以规定号码的零部件来更换．

Ref. No.	Part No.	Description	Remark
101	A-4727-862-A	S-VIDEO BOARD, COMPLETE (US,CND)	
101	A-4727-871-A	S-VIDEO BOARD, COMPLETE (EXCEPT US,CND)	
102	A-4727-849-A	VIDEO BOARD, COMPLETE (TW)	
102	A-4727-855-A	VIDEO BOARD, COMPLETE (US,CND)	
102	A-4727-867-A	VIDEO BOARD, COMPLETE (EXCEPT US,CND,TW)	
103	4-233-263-01	MOLD, SUB (DE9)	
104	A-4727-864-A	COMPONENT VIDEO BOARD, COMPLETE	(US,CND)
104	A-4727-873-A	COMPONENT VIDEO BOARD, COMPLETE	(EXCEPT US,CND,AEP,UK)
105	1-684-945-11	SPEAKER (B) BOARD	
* 106	3-703-044-26	LABEL, CAUTION (US,CND)	
107	3-703-244-00	BUSHING (FBS001), CORD	
⚠108	1-696-847-11	CORD, POWER (AUS)	
⚠108	1-769-079-21	CORD, POWER (KR)	
⚠108	1-769-744-11	CORD, POWER (AEP,UK)	
⚠108	1-777-071-22	CORD, POWER (E,JE,SP,MY,TW)	
⚠108	1-783-205-11	CORD, POWER (CH)	
⚠108	1-783-820-11	CORD, POWER (US,CND,MX)	
⚠108	1-783-941-12	CORD, POWER (AR)	
109	1-769-907-11	WIRE (FLAT TYPE) (9 CORE)	
110	1-769-940-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)	
110	1-773-004-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)	

Ref. No.	Part No.	Description	Remark
111	1-765-315-11	WIRE (FLAT TYPE) (7 CORE)	(AUS,JE,CH,SP,MY,TW,AR)
111	1-769-893-11	WIRE (FLAT TYPE) (7 CORE)	(US,CND,AEP,UK,E,MX,KR)
112	A-4727-859-A	DIGITAL BOARD, COMPLETE (US,CND)	
112	A-4727-869-A	DIGITAL BOARD, COMPLETE (AEP,UK)	
112	A-4728-034-A	DIGITAL BOARD, COMPLETE (AUS)	
112	A-4728-037-A	DIGITAL BOARD, COMPLETE (E,MX,TW)	
112	A-4728-041-A	DIGITAL BOARD, COMPLETE (CH,SP,MY,AR,KR)	
112	A-4729-415-A	DIGITAL BOARD, COMPLETE (JE)	
113	1-769-843-11	WIRE (FLAT TYPE) (5 CORE) (EXCEPT AEP,UK)	
114	1-683-761-11	AC SELECT BOARD (E,JE)	
115	1-500-386-11	FILTER, CLAMP (FERRITE CORE)	(EXCEPT US,CND,JE)
TM301	1-693-577-21	TUNER PACK (FM/AM) (ANTENNA)	(US,CND,E,JE,MX)
TM301	1-693-578-21	TUNER PACK (FM/AM) (ANTENNA) (AEP,UK)	
TM301	1-693-580-21	TUNER PACK (FM/AM) (ANTENNA)	(AUS,CH,SP,MY,TW,AR,KR)
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#3	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	

5-4. CHASSIS SECTION-2



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description	Remark
151	A-4727-856-A	STANDBY BOARD, COMPLETE (US,CND)	
151	A-4727-868-A	STANDBY BOARD, COMPLETE (AEP,UK)	
151	A-4728-007-A	STANDBY BOARD, COMPLETE (TW)	
151	A-4728-008-A	STANDBY BOARD, COMPLETE (MX)	
151	A-4728-009-A	STANDBY BOARD, COMPLETE (AR)	
151	A-4728-017-A	STANDBY BOARD, COMPLETE (KR)	
151	A-4728-033-A	STANDBY BOARD, COMPLETE (AUS)	
151	A-4728-036-A	STANDBY BOARD, COMPLETE (E,JE)	
151	A-4728-040-A	STANDBY BOARD, COMPLETE (SP,MY)	
151	A-4728-044-A	STANDBY BOARD, COMPLETE (CH)	
152	A-4727-853-A	MAIN BOARD, COMPLETE (US,CND)	
152	A-4727-866-A	MAIN BOARD, COMPLETE (AEP,UK)	
152	A-4728-004-A	MAIN BOARD, COMPLETE (TW)	
152	A-4728-032-A	MAIN BOARD, COMPLETE (E,AUS,JE,MX,SP,MY,AR,KR)	
152	A-4728-043-A	MAIN BOARD, COMPLETE (CH)	
153	3-905-609-01	SCREW (TRANSISTOR)	
154	3-701-946-27	LABEL, FUSE RATING (US,CND,MX,TW)	
⚠F901	1-532-464-31	FUSE, TIME-LAG (T2.5AL/250V) (EXCEPT US,CND,MX,TW)	
⚠F901	1-576-193-11	FUSE (6.3A/125V) (US,CND,MX,TW)	
⚠F902	1-532-464-31	FUSE, TIME-LAG (T2.5AL/250V) (AEP,UK,AUS,SP,MY)	
⚠F902	1-576-109-11	FUSE (5A/125V) (US,CND)	

Ref. No.	Part No.	Description	Remark
Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M	
Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M	
Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M	
Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M	
Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M	
Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M	
Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M	
Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M	
Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M	
Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M	
⚠T901	1-435-899-11	TRANSFORMER, POWER (TW)	
⚠T901	1-435-901-11	TRANSFORMER, POWER (E,JE)	
⚠T901	1-435-902-11	TRANSFORMER, POWER (AUS)	
⚠T901	1-435-903-11	TRANSFORMER, POWER (AEP,UK,CH,SP,MY,AR,KR)	
⚠T901	1-435-905-11	TRANSFORMER, POWER (CND)	
⚠T901	1-435-906-11	TRANSFORMER, POWER (MX)	
⚠T901	1-437-699-11	TRANSFORMER, POWER (US)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-880-09	SCREW +BVTT 4X6 (S)	
#3	7-685-645-79	SCREW +BVTP 3X6 TYPE2 N-S	

SECTION 6
ELECTRICAL PARTS LIST

AC SELECT

COMPONENT VIDEO

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF : µF
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- COILS
  uH : µH
- Abbreviation
  CND : Canadian model
  AUS : Australian model
  JE : Tourist model
  CH : Chinese model
  MX : Mexican model
  SP : Singapore model
  MY : Malaysia model
  TW : Taiwan model
  AR : Argentina model
  KR : Korean model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
	1-683-761-11	AC SELECT BOARD (E,JE)			
		**********			
		< CONNECTOR >			
* CNP910	1-564-687-11	PIN, CONNECTOR 3P (E,JE)			
		< SWITCH >			
• S901	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E,JE)			
**********					
	A-4727-864-A	COMPONENT VIDEO BOARD, COMPLETE (US,CND)			
	A-4727-873-A	COMPONENT VIDEO BOARD, COMPLETE (EXCEPT US,CND,AEP,UK)			
		**********			
		< CAPACITOR >			
C301	1-126-935-11	ELECT	470uF	20% 10V	(EXCEPT AEP,UK)
C302	1-126-935-11	ELECT	470uF	20% 10V	(EXCEPT AEP,UK)
C303	1-126-935-11	ELECT	470uF	20% 10V	(EXCEPT AEP,UK)
C308	1-126-964-11	ELECT	10uF	20% 50V	(EXCEPT AEP,UK)
C309	1-126-964-11	ELECT	10uF	20% 50V	(EXCEPT AEP,UK)
C310	1-126-964-11	ELECT	10uF	20% 50V	(EXCEPT AEP,UK)
C311	1-126-964-11	ELECT	10uF	20% 50V	(EXCEPT AEP,UK)
C312	1-126-964-11	ELECT	10uF	20% 50V	(EXCEPT AEP,UK)
C313	1-126-964-11	ELECT	10uF	20% 50V	(EXCEPT AEP,UK)
C317	1-126-947-11	ELECT	47uF	20% 25V	(EXCEPT AEP,UK)
C329	1-164-159-21	CERAMIC	0.1uF	50V	(EXCEPT AEP,UK)
C330	1-164-159-21	CERAMIC	0.1uF	50V	(EXCEPT AEP,UK)
C331	1-164-159-21	CERAMIC	0.1uF	50V	(EXCEPT AEP,UK)
C332	1-164-159-21	CERAMIC	0.1uF	50V	(EXCEPT AEP,UK)
C338	1-126-947-11	ELECT	47uF	20% 25V	(EXCEPT AEP,UK)

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
CNS301	1-569-299-11	SOCKET, CONNECTOR (L TYPE) 5P (US,CND)			
CNS301	1-569-315-11	SOCKET, CONNECTOR 5P (EXCEPT US,CND,AEP,UK)			
		< FILTER >			
FB301	1-416-300-21	FILTER, NOISE (EXCEPT US,CND,AEP,UK)			
FB302	1-416-300-21	FILTER, NOISE (EXCEPT US,CND,AEP,UK)			
		< IC >			
IC301	8-759-231-66	IC TC74HC4053AP (EXCEPT AEP,UK)			
IC302	6-701-891-01	IC NJM2581D (EXCEPT AEP,UK)			
		< JACK >			
J301	1-816-359-11	JACK, PIN 9P (COMPONENT VIDEO DVD/LD IN, VIDEO 2 IN,MONITOR OUT) (EXCEPT AEP,UK)			
		< TRANSISTOR >			
Q301	8-729-116-02	TRANSISTOR BA1A4M-TP (EXCEPT AEP,UK)			
		< RESISTOR >			
R301	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R302	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R303	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R304	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R305	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R306	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R307	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R308	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R309	1-247-804-11	CARBON	75	5% 1/4W	(EXCEPT AEP,UK)
R310	1-249-417-11	CARBON	1K	5% 1/4W	(EXCEPT AEP,UK)
R311	1-249-417-11	CARBON	1K	5% 1/4W	(EXCEPT AEP,UK)

Ref. No.	Part No.	Description			Remark
R312	1-249-417-11	CARBON	1K	5%	1/4W (EXCEPT AEP,UK)
R313	1-249-433-11	CARBON	22K	5%	1/4W (EXCEPT AEP,UK)
R325	1-249-429-11	CARBON	10K	5%	1/4W (EXCEPT AEP,UK)
R347	1-247-807-31	CARBON	100	5%	1/4W (EXCEPT AEP,UK)
**********					
	A-4727-859-A	DIGITAL BOARD, COMPLETE (US,CND)			
	A-4727-869-A	DIGITAL BOARD, COMPLETE (AEP,UK)			
	A-4728-034-A	DIGITAL BOARD, COMPLETE (AUS)			
	A-4728-037-A	DIGITAL BOARD, COMPLETE (E,MX,TW)			
	A-4728-041-A	DIGITAL BOARD, COMPLETE (CH,SP,MY,AR,KR)			
	A-4729-415-A	DIGITAL BOARD, COMPLETE (JE)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1101	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1102	1-126-947-11	ELECT	47uF	20%	16V
C1103	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1104	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1105	1-126-947-11	ELECT	47uF	20%	16V
C1106	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1107	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1108	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1109	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1110	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1111	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1112	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1113	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1114	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1115	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1116	1-126-935-11	ELECT	470uF	20%	16V
C1117	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1118	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C1119	1-126-965-11	ELECT	22uF	20%	50V
C1120	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1121	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1122	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1123	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1124	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1126	1-126-964-11	ELECT	10uF	20%	50V
C1127	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1129	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C1130	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1131	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1201	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1202	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1203	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1204	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1205	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1206	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1207	1-164-156-11	CERAMIC CHIP	0.1uF		25V

Ref. No.	Part No.	Description			Remark
C1208	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1209	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1210	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1211	1-126-935-11	ELECT	470uF	20%	10V
C1212	1-126-935-11	ELECT	470uF	20%	10V
C1213	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1214	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1216	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1218	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1219	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1220	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1221	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AEP,UK)
C1227	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1229	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1230	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1231	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1309	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1310	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1311	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1312	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1501	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C1502	1-126-965-11	ELECT	22uF	20%	50V
C1503	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1504	1-126-964-11	ELECT	10uF	20%	50V
C1505	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1506	1-126-935-11	ELECT	470uF	20%	16V
C1507	1-126-964-11	ELECT	10uF	20%	50V
C1508	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1509	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1510	1-126-947-11	ELECT	47uF	20%	16V
C1511	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1512	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1513	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1514	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1515	1-126-964-11	ELECT	10uF	20%	50V
C1522	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1523	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1524	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1525	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1551	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C1552	1-126-965-11	ELECT	22uF	20%	50V
C1601	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1602	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1603	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1604	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1605	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1606	1-126-947-11	ELECT	47uF	20%	16V
C1607	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1608	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1609	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1610	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1611	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1612	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1613	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1614	1-162-995-11	CERAMIC CHIP	0.022uF		50V

DIGITAL

Ref. No.	Part No.	Description			Remark
C1615	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1616	1-162-995-11	CERAMIC CHIP	0.022uF		50V
C1617	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1618	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1619	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1626	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1627	1-126-964-11	ELECT	10uF	20%	50V
C1631	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1632	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1633	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AEP,UK)
C1634	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1635	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1905	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1906	1-126-935-11	ELECT	470uF	20%	16V
C1908	1-126-935-11	ELECT	470uF	20%	16V
C1909	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1910	1-126-935-11	ELECT	470uF	20%	16V
C1911	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1912	1-126-935-11	ELECT	470uF	20%	16V
C1913	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C1914	1-126-947-11	ELECT	47uF	20%	16V
C1915	1-126-947-11	ELECT	47uF	20%	16V (AEP,UK)
C1916	1-164-156-11	CERAMIC CHIP	0.1uF		25V (AEP,UK)
		< CONNECTOR >			
CNP5	1-779-978-11	PIN, CONNECTOR 3P			
CNP6	1-784-928-11	PIN, CONNECTOR 13P			
CNS1	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P			
CNS2	1-784-041-41	CONNECTOR, BOARD TO BOARD 9P			
CNS3	1-784-923-11	PIN, CONNECTOR 7P			
CNS4	1-569-312-11	SOCKET, CONNECTOR (L TYPE) 27P			
CNS7	1-569-060-11	SOCKET, CONNECTOR 11P (EXCEPT AEP,UK)			
CNS7	1-569-321-11	SOCKET, CONNECTOR 15P (AEP,UK)			
CNS8	1-568-439-11	SOCKET, CONNECTOR 7P			
		< DIODE >			
D1001	8-719-016-74	DIODE 1SS352			
D1101	8-719-016-74	DIODE 1SS352			
D1501	8-719-049-09	DIODE 1SS367-T3SONY			
D1502	8-719-049-09	DIODE 1SS367-T3SONY			
D1601	8-719-016-74	DIODE 1SS352			
D1603	8-719-016-74	DIODE 1SS352			
D1905	8-719-053-18	DIODE 1SR154-400TE-25			
D1906	8-719-053-18	DIODE 1SR154-400TE-25			
D1907	8-719-053-18	DIODE 1SR154-400TE-25			
		< FERRITE BEAD >			
FB1101	1-414-813-11	FERRITE, EMI (SMD)			
FB1102	1-414-813-11	FERRITE, EMI (SMD)			
FB1104	1-469-152-11	FERRITE, EMI (SMD)			
FB1105	1-469-152-11	FERRITE, EMI (SMD)			
FB1201	1-414-813-11	FERRITE, EMI (SMD)			
FB1202	1-414-813-11	FERRITE, EMI (SMD)			
FB1203	1-469-152-11	FERRITE, EMI (SMD)			
FB1204	1-469-152-11	FERRITE, EMI (SMD)			
FB1501	1-414-813-11	FERRITE, EMI (SMD)			
FB1502	1-414-813-11	FERRITE, EMI (SMD)			
FB1601	1-414-813-11	FERRITE, EMI (SMD)			
FB1602	1-216-864-11	METAL CHIP	0	5%	1/16W
FB1603	1-216-864-11	METAL CHIP	0	5%	1/16W
		< IC >			
IC1101	8-759-825-15	IC LC89056W-E			
IC1102	8-759-242-70	IC TC7WU04F			
IC1103	8-759-595-15	IC TC74ACT153F(EL)			
IC1104	6-600-014-01	IC TORX141L (DIGITAL OPTICAL VIDEO 2 IN)			
IC1105	6-600-014-01	IC TORX141L (DIGITAL OPTICAL MD/TAPE IN)			
IC1106	6-600-014-01	IC TORX141L (DIGITAL OPTICAL CD/SACD IN)			
IC1107	6-600-012-11	IC TOTX141L(RED) (DIGITAL OPTICAL MD/TAPE OUT)			
IC1201	8-759-698-76	IC CXD9617R			
IC1202	6-700-983-01	IC IS61LV6416-15T(ICSI)			
IC1501	8-759-657-47	IC AK4527			
IC1502	8-759-710-97	IC NJM4565M-D			
IC1503	8-759-231-53	IC TA7805S			
IC1552	8-759-710-97	IC NJM4565M-D			
IC1601	6-801-261-01	IC MB90478PF-G-120-BND			
IC1602	8-759-714-20	IC S-80929ANMP-DDS-T2			
IC1604	8-759-641-86	IC BR24C16F-E2			
IC1901	6-701-887-01	IC SI-3001KWF			
IC1902	8-759-231-57	IC TA7810S			
IC1903	8-759-647-11	IC uPC2905HF			
IC1904	8-759-647-10	IC uPC2933HF			
IC1905	8-759-647-10	IC uPC2933HF (AEP,UK)			
		< JACK >			
J1101	1-784-431-11	JACK, PIN 1P (DIGITAL COAXIAL DVD/LD IN)			
		< JUMPER RESISTOR >			
JR1103	1-216-864-11	METAL CHIP	0	5%	1/16W
JR1104	1-216-864-11	METAL CHIP	0	5%	1/16W
JR1112	1-216-864-11	METAL CHIP	0	5%	1/16W (EXCEPT AEP,UK)
JR1113	1-216-864-11	METAL CHIP	0	5%	1/16W (EXCEPT AEP,UK)
JR1114	1-216-864-11	METAL CHIP	0	5%	1/16W (EXCEPT AEP,UK)
JR1116	1-216-864-11	METAL CHIP	0	5%	1/16W
JR1118	1-211-950-11	SHORT	0		
JR1121	1-216-864-11	METAL CHIP	0	5%	1/16W
JR1123	1-216-864-11	METAL CHIP	0	5%	1/16W
JR1200	1-216-864-11	METAL CHIP	0	5%	1/16W
JR1210	1-211-950-11	SHORT	0		
L1901	1-216-864-11	METAL CHIP	0	5%	1/16W

Ref. No.	Part No.	Description			Remark
		< TRANSISTOR >			
Q1601	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q1602	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q1607	8-729-230-49	TRANSISTOR	2SC2712-YG		
		< RESISTOR >			
R1100	1-216-857-11	METAL CHIP	1M	5%	1/16W
R1101	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1102	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1103	1-216-809-11	METAL CHIP	100	5%	1/16W
R1104	1-216-809-11	METAL CHIP	100	5%	1/16W
R1105	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1106	1-216-839-11	METAL CHIP	33K	5%	1/16W
R1107	1-216-830-11	METAL CHIP	5.6K	5%	1/16W
R1108	1-216-809-11	METAL CHIP	100	5%	1/16W
R1109	1-216-809-11	METAL CHIP	100	5%	1/16W
R1110	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1111	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1112	1-216-809-11	METAL CHIP	100	5%	1/16W
R1113	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1114	1-216-809-11	METAL CHIP	100	5%	1/16W
R1115	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1116	1-218-285-11	RES-CHIP	75	5%	1/10W
R1117	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1118	1-216-854-11	METAL CHIP	560K	5%	1/16W
R1119	1-216-837-11	METAL CHIP	22K	5%	1/16W
R1120	1-216-809-11	METAL CHIP	100	5%	1/16W
R1121	1-216-809-11	METAL CHIP	100	5%	1/16W
R1122	1-216-809-11	METAL CHIP	100	5%	1/16W
R1123	1-216-809-11	METAL CHIP	100	5%	1/16W
R1124	1-216-809-11	METAL CHIP	100	5%	1/16W
R1126	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1201	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1202	1-216-809-11	METAL CHIP	100	5%	1/16W
R1203	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1204	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1205	1-216-809-11	METAL CHIP	100	5%	1/16W
R1206	1-216-809-11	METAL CHIP	100	5%	1/16W
R1207	1-216-809-11	METAL CHIP	100	5%	1/16W
R1208	1-216-809-11	METAL CHIP	100	5%	1/16W
R1209	1-216-809-11	METAL CHIP	100	5%	1/16W
R1210	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1212	1-216-809-11	METAL CHIP	100	5%	1/16W
R1213	1-216-809-11	METAL CHIP	100	5%	1/16W
R1214	1-216-809-11	METAL CHIP	100	5%	1/16W
R1215	1-216-809-11	METAL CHIP	100	5%	1/16W
R1216	1-216-809-11	METAL CHIP	100	5%	1/16W
R1217	1-216-809-11	METAL CHIP	100	5%	1/16W
R1218	1-216-809-11	METAL CHIP	100	5%	1/16W
R1219	1-216-809-11	METAL CHIP	100	5%	1/16W
R1220	1-216-809-11	METAL CHIP	100	5%	1/16W
R1221	1-216-809-11	METAL CHIP	100	5%	1/16W
R1222	1-216-809-11	METAL CHIP	100	5%	1/16W
R1304	1-216-841-11	METAL CHIP	47K	5%	1/16W
R1305	1-216-841-11	METAL CHIP	47K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R1308	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1314	1-216-864-11	METAL CHIP	0	5%	1/16W
R1364	1-216-864-11	METAL CHIP	0	5%	1/16W
R1501	1-216-815-11	METAL CHIP	330	5%	1/16W
R1502	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1503	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1504	1-216-815-11	METAL CHIP	330	5%	1/16W
R1505	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R1506	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1507	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1508	1-216-845-11	METAL CHIP	100K	5%	1/16W
R1509	1-216-809-11	METAL CHIP	100	5%	1/16W
R1516	1-216-864-11	METAL CHIP	0	5%	1/16W
R1517	1-216-864-11	METAL CHIP	0	5%	1/16W
R1518	1-216-864-11	METAL CHIP	0	5%	1/16W
R1519	1-216-864-11	METAL CHIP	0	5%	1/16W
R1520	1-216-864-11	METAL CHIP	0	5%	1/16W
R1521	1-216-864-11	METAL CHIP	0	5%	1/16W
R1551	1-216-815-11	METAL CHIP	330	5%	1/16W
R1552	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1553	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1554	1-216-815-11	METAL CHIP	330	5%	1/16W
R1555	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
R1556	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1557	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1600	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1601	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1602	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1603	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1604	1-216-809-11	METAL CHIP	100	5%	1/16W
R1605	1-216-809-11	METAL CHIP	100	5%	1/16W
R1606	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1607	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1608	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1609	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1610	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1611	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1612	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1613	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1614	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1615	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1616	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1617	1-216-809-11	METAL CHIP	100	5%	1/16W
R1618	1-216-809-11	METAL CHIP	100	5%	1/16W
R1619	1-216-809-11	METAL CHIP	100	5%	1/16W
R1621	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1623	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1624	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1625	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1626	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1627	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1628	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1629	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1630	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1631	1-216-829-11	METAL CHIP	4.7K	5%	1/16W

DIGITAL DISPLAY

Ref. No.	Part No.	Description			Remark
R1632	1-216-841-11	METAL CHIP	47K	5%	1/16W
R1633	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1634	1-216-841-11	METAL CHIP	47K	5%	1/16W
				(EXCEPT US,CND)	
R1635	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1636	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1637	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1638	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1639	1-216-809-11	METAL CHIP	100	5%	1/16W
R1640	1-216-809-11	METAL CHIP	100	5%	1/16W
R1641	1-216-809-11	METAL CHIP	100	5%	1/16W
R1642	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1643	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1644	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1645	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1646	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1647	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1648	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1649	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1650	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1651	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1652	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1653	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1654	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1655	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1656	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1657	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1658	1-216-809-11	METAL CHIP	100	5%	1/16W
R1659	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1660	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1662	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R1663	1-216-827-11	METAL CHIP	3.3K	5%	1/16W
R1664	1-216-809-11	METAL CHIP	100	5%	1/16W
R1665	1-216-809-11	METAL CHIP	100	5%	1/16W
R1666	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1667	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1668	1-216-830-11	METAL CHIP	5.6K	5%	1/16W
R1669	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1671	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1672	1-216-797-11	METAL CHIP	10	5%	1/16W
R1673	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1674	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1676	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1677	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1678	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1679	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1680	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1681	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1682	1-216-845-11	METAL CHIP	100K	5%	1/16W
R1683	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1684	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1685	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1686	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1687	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1688	1-216-864-11	METAL CHIP	0	5%	1/16W
R1689	1-216-833-11	METAL CHIP	10K	5%	1/16W

Ref. No.	Part No.	Description			Remark
R1690	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1694	1-216-821-11	METAL CHIP	1K	5%	1/16W
R1697	1-216-825-11	METAL CHIP	2.2K	5%	1/16W
					(AEP,UK)
R1697	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
					(CH,SP,MY,AR,KR)
R1697	1-216-833-11	METAL CHIP	10K	5%	1/16W
					(E,AUS,MX,TW)
R1697	1-216-837-11	METAL CHIP	22K	5%	1/16W
					(JE)
R1697	1-216-864-11	METAL CHIP	0	5%	1/16W
					(US,CND)
R1698	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1699	1-216-829-11	METAL CHIP	4.7K	5%	1/16W
R1701	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1702	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1703	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1704	1-216-833-11	METAL CHIP	10K	5%	1/16W
R1705	1-216-809-11	METAL CHIP	100	5%	1/16W
					(AEP,UK)
R1710	1-216-809-11	METAL CHIP	100	5%	1/16W
					(AEP,UK)
R1711	1-216-809-11	METAL CHIP	100	5%	1/16W
					(AEP,UK)
		< VIBRATOR >			
X1101	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)			
X1201	1-795-297-21	VIBRATOR, CERAMIC (13.5MHz)			
X1601	1-795-318-11	VIBRATOR, CERAMIC (16MHz)			
**********					
	A-4727-865-A	DISPLAY BOARD, COMPLETE			
		**********			
	3-386-245-21	HOLDER (FL)			
*	4-921-941-01	CUSHION (FL)			
		< CAPACITOR >			
C100	1-164-159-21	CERAMIC	0.1uF		50V
C101	1-164-159-21	CERAMIC	0.1uF		50V
C104	1-164-159-21	CERAMIC	0.1uF		50V
C105	1-124-261-00	ELECT	10uF	20%	50V
C108	1-164-159-21	CERAMIC	0.1uF		50V
C109	1-164-159-21	CERAMIC	0.1uF		50V
C110	1-128-809-11	CERAMIC	100PF	5%	50V
C111	1-128-809-11	CERAMIC	100PF	5%	50V
C112	1-128-809-11	CERAMIC	100PF	5%	50V
C114	1-164-159-21	CERAMIC	0.1uF		50V
C115	1-124-261-00	ELECT	10uF	20%	50V
C132	1-128-813-11	CERAMIC	220PF	5%	50V
C133	1-128-813-11	CERAMIC	220PF	5%	50V
C134	1-128-813-11	CERAMIC	220PF	5%	50V
C135	1-128-813-11	CERAMIC	220PF	5%	50V
C136	1-128-813-11	CERAMIC	220PF	5%	50V
C137	1-128-813-11	CERAMIC	220PF	5%	50V
C138	1-128-813-11	CERAMIC	220PF	5%	50V
C139	1-128-813-11	CERAMIC	220PF	5%	50V
C140	1-128-813-11	CERAMIC	220PF	5%	50V

DISPLAY

Ref. No.	Part No.	Description			Remark
C141	1-128-813-11	CERAMIC	220PF	5%	50V
C142	1-128-813-11	CERAMIC	220PF	5%	50V
C143	1-128-813-11	CERAMIC	220PF	5%	50V
C144	1-164-159-21	CERAMIC	0.1uF		50V
C145	1-164-159-21	CERAMIC	0.1uF		50V
C150	1-164-159-21	CERAMIC	0.1uF		50V
C151	1-124-261-00	ELECT	10uF	20%	50V
C155	1-164-159-21	CERAMIC	0.1uF		50V
C156	1-164-159-21	CERAMIC	0.1uF		50V
C157	1-164-159-21	CERAMIC	0.1uF		50V
C158	1-128-809-11	CERAMIC	100PF	5%	50V
C159	1-128-809-11	CERAMIC	100PF	5%	50V
C160	1-128-809-11	CERAMIC	100PF	5%	50V
		< CONNECTOR >			
CNS100	1-569-327-11	SOCKET, CONNECTOR 27P			
		< DIODE >			
D100	8-719-075-59	LED SELS5B23C-TP15 (Digital Cinema Sound)			
D102	8-719-084-07	LED SEL5E20C-TP15 (MULTI CHANNEL DECODING)			
D103	8-719-046-39	LED SEL5821A-TP15 (SOUND FIELD A.F.D.)			
D104	8-719-046-39	LED SEL5821A-TP15 (SOUND FIELD 2CH)			
D105	8-719-046-39	LED SEL5821A-TP15 (SOUND FIELD MODE)			
D110	8-719-046-39	LED SEL5821A-TP15 (EQ)			
D111	8-719-046-39	LED SEL5821A-TP15 (LEVEL)			
D112	8-719-046-39	LED SEL5821A-TP15 (SURR)			
D113	8-719-046-39	LED SEL5821A-TP15 (SET UP)			
D114	8-719-046-39	LED SEL5821A-TP15 (NAME)			
		< FLUORESCENT INDICATOR >			
FL101	1-518-718-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC100	8-759-643-83	IC uPD16315GB-3BS			
IC101	8-759-036-90	IC MC74ACT08N			
IC102	6-600-055-01	IC GP1UD27SXK			
		< COIL >			
L101	1-412-473-21	INDUCTOR (SMALL TYPE)			
L102	1-408-088-00	INDUCTOR	220uH		
		< TRANSISTOR >			
Q100	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q101	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q102	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q103	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q104	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q106	8-729-900-36	TRANSISTOR DTC124ES			
Q107	8-729-900-36	TRANSISTOR DTC124ES			
Q108	8-729-900-36	TRANSISTOR DTC124ES			
Q109	8-729-900-36	TRANSISTOR DTC124ES			
Q110	8-729-900-63	TRANSISTOR DTA124ES			
Q111	8-729-900-63	TRANSISTOR DTA124ES			

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R101	1-249-413-11	CARBON	470	5%	1/4W
R102	1-249-417-11	CARBON	1K	5%	1/4W
R103	1-249-417-11	CARBON	1K	5%	1/4W
R104	1-249-421-11	CARBON	2.2K	5%	1/4W
R105	1-249-421-11	CARBON	2.2K	5%	1/4W
R106	1-249-425-11	CARBON	4.7K	5%	1/4W
R107	1-249-429-11	CARBON	10K	5%	1/4W
R108	1-249-433-11	CARBON	22K	5%	1/4W
R109	1-249-437-11	CARBON	47K	5%	1/4W
R111	1-249-413-11	CARBON	470	5%	1/4W
R112	1-249-417-11	CARBON	1K	5%	1/4W
R113	1-249-417-11	CARBON	1K	5%	1/4W
R114	1-249-421-11	CARBON	2.2K	5%	1/4W
R115	1-249-421-11	CARBON	2.2K	5%	1/4W
R116	1-249-425-11	CARBON	4.7K	5%	1/4W
R117	1-249-429-11	CARBON	10K	5%	1/4W
R118	1-249-433-11	CARBON	22K	5%	1/4W
R121	1-249-413-11	CARBON	470	5%	1/4W
R122	1-249-417-11	CARBON	1K	5%	1/4W
R123	1-249-417-11	CARBON	1K	5%	1/4W
R124	1-249-421-11	CARBON	2.2K	5%	1/4W
R125	1-249-421-11	CARBON	2.2K	5%	1/4W
R126	1-249-425-11	CARBON	4.7K	5%	1/4W
R127	1-249-429-11	CARBON	10K	5%	1/4W
R131	1-249-413-11	CARBON	470	5%	1/4W
R132	1-249-417-11	CARBON	1K	5%	1/4W
R133	1-249-417-11	CARBON	1K	5%	1/4W
R134	1-249-421-11	CARBON	2.2K	5%	1/4W
R135	1-249-421-11	CARBON	2.2K	5%	1/4W
R136	1-249-425-11	CARBON	4.7K	5%	1/4W
R137	1-249-429-11	CARBON	10K	5%	1/4W
R141	1-249-421-11	CARBON	2.2K	5%	1/4W
R142	1-249-421-11	CARBON	2.2K	5%	1/4W
R143	1-249-421-11	CARBON	2.2K	5%	1/4W
R144	1-249-421-11	CARBON	2.2K	5%	1/4W
R148	1-249-421-11	CARBON	2.2K	5%	1/4W
R150	1-249-440-11	CARBON	82K	5%	1/4W
R153	1-247-807-31	CARBON	100	5%	1/4W
R154	1-249-393-11	CARBON	10	5%	1/4W
R155	1-249-441-11	CARBON	100K	5%	1/4W
R159	1-249-411-11	CARBON	330	5%	1/4W
R160	1-249-411-11	CARBON	330	5%	1/4W
R161	1-249-411-11	CARBON	330	5%	1/4W
R162	1-249-411-11	CARBON	330	5%	1/4W
R163	1-249-411-11	CARBON	330	5%	1/4W
R165	1-249-403-11	CARBON	68	5%	1/4W
R166	1-249-409-11	CARBON	220	5%	1/4W
R167	1-249-409-11	CARBON	220	5%	1/4W
R168	1-249-409-11	CARBON	220	5%	1/4W
R169	1-249-409-11	CARBON	220	5%	1/4W
R170	1-249-429-11	CARBON	10K	5%	1/4W
R171	1-249-429-11	CARBON	10K	5%	1/4W
R172	1-247-807-31	CARBON	100	5%	1/4W
R173	1-247-807-31	CARBON	100	5%	1/4W

DISPLAY **HEADPHONE** **JOG** **MAIN**

Ref. No.	Part No.	Description			Remark
R174	1-247-807-31	CARBON	100	5%	1/4W
R175	1-249-393-11	CARBON	10	5%	1/4W
R198	1-249-381-11	CARBON	1	5%	1/4W
R199	1-249-381-11	CARBON	1	5%	1/4W
		< ROTARY ENCODER >			
RV102	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			
		< SWITCH >			
S100	1-771-410-21	SWITCH, TACTILE (PRESET/PTY SELECT –) (AEP,UK)			
S100	1-771-410-21	SWITCH, TACTILE (PRESET TUNING –) (EXCEPT AEP,UK)			
S101	1-771-410-21	SWITCH, TACTILE (TUNING –)			
S102	1-771-410-21	SWITCH, TACTILE (NAME)			
S103	1-771-410-21	SWITCH, TACTILE (ENTER)			
S104	1-771-410-21	SWITCH, TACTILE (LEVEL)			
S105	1-771-410-21	SWITCH, TACTILE (SURR)			
S106	1-771-410-21	SWITCH, TACTILE (EQ)			
S107	1-771-410-21	SWITCH, TACTILE (SET UP)			
S108	1-771-410-21	SWITCH, TACTILE (VIDEO 1)			
S109	1-771-410-21	SWITCH, TACTILE (MD/TAPE)			
S110	1-771-410-21	SWITCH, TACTILE (MUTING)			
S111	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S112	1-771-410-21	SWITCH, TACTILE (VIDEO 2)			
S113	1-771-410-21	SWITCH, TACTILE (MULTI CH IN)			
S114	1-771-410-21	SWITCH, TACTILE (CD/SACD)			
S115	1-771-410-21	SWITCH, TACTILE (TUNER)			
S116	1-771-410-21	SWITCH, TACTILE (VIDEO 3)			
S117	1-771-410-21	SWITCH, TACTILE (SOUND FIELD MODE)			
S118	1-771-410-21	SWITCH, TACTILE (PRESET/PTY SELECT +) (AEP,UK)			
S118	1-771-410-21	SWITCH, TACTILE (PRESET TUNING +) (EXCEPT AEP,UK)			
S120	1-771-410-21	SWITCH, TACTILE (FM/AM) (AEP,UK)			
S120	1-771-410-21	SWITCH, TACTILE (FM) (EXCEPT AEP,UK)			
S121	1-771-410-21	SWITCH, TACTILE (SHIFT)			
S122	1-771-410-21	SWITCH, TACTILE (FM MODE)			
S123	1-771-410-21	SWITCH, TACTILE (>)			
S124	1-771-410-21	SWITCH, TACTILE (<)			
S125	1-771-410-21	SWITCH, TACTILE (PTY) (AEP,UK)			
S125	1-771-410-21	SWITCH, TACTILE (AM) (EXCEPT AEP,UK)			
S126	1-771-410-21	SWITCH, TACTILE (MEMORY)			
S127	1-771-410-21	SWITCH, TACTILE (TUNING +)			
S130	1-771-410-21	SWITCH, TACTILE (AUX)			
S131	1-771-410-21	SWITCH, TACTILE (DVD/LD)			
S132	1-771-410-21	SWITCH, TACTILE (CINEMA STUDIO EX C)			
S133	1-771-410-21	SWITCH, TACTILE (CINEMA STUDIO EX B)			
S134	1-771-410-21	SWITCH, TACTILE (CINEMA STUDIO EX A)			
S135	1-771-410-21	SWITCH, TACTILE (EQUALIZER)			
S136	1-771-410-21	SWITCH, TACTILE (SOUND FIELD A.F.D.)			
S137	1-771-410-21	SWITCH, TACTILE (SOUND FIELD 2CH)			

Ref. No.	Part No.	Description			Remark
	1-683-763-11	HEADPHONE BOARD **********			
		< CAPACITOR >			
C790	1-164-159-21	CERAMIC	0.1uF		50V
C792	1-113-342-11	CERAMIC	0.1uF		50V
		< CONNECTOR >			
CNP791	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
		< JACK >			
J791	1-815-313-21	JACK (PHONES) (JE,CH,SP,MY,KR)			
J791	1-815-314-21	JACK (PHONES) (EXCEPT JE,CH,SP,MY,KR)			
	1-683-764-11	JOG BOARD **********			
		< CONNECTOR >			
* CN101	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< ROTARY ENCODER >			
RV101	1-418-817-11	ENCODER, ROTARY (JOG DIAL)			
	A-4727-853-A	MAIN BOARD, COMPLETE (US,CND)			
	A-4727-866-A	MAIN BOARD, COMPLETE (AEP,UK)			
	A-4728-004-A	MAIN BOARD, COMPLETE (TW)			
	A-4728-032-A	MAIN BOARD, COMPLETE (E,AUS,JE,MX,SP,MY,AR,KR)			
	A-4728-043-A	MAIN BOARD, COMPLETE (CH) **********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C371	1-161-494-00	CERAMIC	0.022uF		25V
C372	1-161-494-00	CERAMIC	0.022uF		25V
C373	1-161-494-00	CERAMIC	0.022uF		25V
C374	1-164-159-21	CERAMIC	0.1uF		50V
C375	1-161-494-00	CERAMIC	0.022uF		25V
C376	1-161-494-00	CERAMIC	0.022uF		25V
C400	1-128-825-21	CERAMIC	0.0022uF	5%	50V
C401	1-126-964-11	ELECT	10uF	20%	50V
C402	1-126-964-11	ELECT	10uF	20%	50V
C404	1-126-964-11	ELECT	10uF	20%	50V
C405	1-126-964-11	ELECT	10uF	20%	50V
C406	1-126-964-11	ELECT	10uF	20%	50V
C407	1-126-964-11	ELECT	10uF	20%	50V
C408	1-126-964-11	ELECT	10uF	20%	50V
C409	1-126-964-11	ELECT	10uF	20%	50V
C411	1-126-961-11	ELECT	2.2uF	20%	50V
C412	1-126-961-11	ELECT	2.2uF	20%	50V
C413	1-126-964-11	ELECT	10uF	20%	50V
C414	1-126-964-11	ELECT	10uF	20%	50V
C415	1-126-964-11	ELECT	10uF	20%	50V

Ref. No.	Part No.	Description			Remark
C416	1-126-964-11	ELECT	10uF	20%	50V
C417	1-126-964-11	ELECT	10uF	20%	50V
C418	1-126-964-11	ELECT	10uF	20%	50V
C419	1-126-964-11	ELECT	10uF	20%	50V
C431	1-126-961-11	ELECT	2.2uF	20%	50V
C432	1-126-961-11	ELECT	2.2uF	20%	50V
C433	1-126-964-11	ELECT	10uF	20%	50V
C451	1-126-964-11	ELECT	10uF	20%	50V
C452	1-126-964-11	ELECT	10uF	20%	50V
C454	1-126-964-11	ELECT	10uF	20%	50V
C455	1-126-964-11	ELECT	10uF	20%	50V
C456	1-126-964-11	ELECT	10uF	20%	50V
C457	1-126-964-11	ELECT	10uF	20%	50V
C458	1-126-964-11	ELECT	10uF	20%	50V
C459	1-126-964-11	ELECT	10uF	20%	50V
C461	1-126-961-11	ELECT	2.2uF	20%	50V
C462	1-126-961-11	ELECT	2.2uF	20%	50V
C464	1-164-159-21	CERAMIC	0.1uF		50V
C465	1-126-969-11	ELECT	220uF	20%	50V
C466	1-126-964-11	ELECT	10uF	20%	50V
C467	1-164-159-21	CERAMIC	0.1uF		50V
C471	1-126-963-11	ELECT	4.7uF	20%	50V
C472	1-126-963-11	ELECT	4.7uF	20%	50V
C481	1-126-964-11	ELECT	10uF	20%	50V
C482	1-126-964-11	ELECT	10uF	20%	50V
C483	1-126-964-11	ELECT	10uF	20%	50V
C484	1-126-964-11	ELECT	10uF	20%	50V
C485	1-126-964-11	ELECT	10uF	20%	50V
C486	1-126-964-11	ELECT	10uF	20%	50V
C487	1-126-964-11	ELECT	10uF	20%	50V
C488	1-164-159-21	CERAMIC	0.1uF		50V
C489	1-128-809-11	CERAMIC	100PF	5%	50V
C490	1-128-809-11	CERAMIC	100PF	5%	50V
C491	1-126-964-11	ELECT	10uF	20%	50V
C492	1-126-964-11	ELECT	10uF	20%	50V
C493	1-126-964-11	ELECT	10uF	20%	50V
C494	1-126-964-11	ELECT	10uF	20%	50V
C495	1-126-964-11	ELECT	10uF	20%	50V
C496	1-126-963-11	ELECT	4.7uF	20%	50V
C497	1-128-809-11	CERAMIC	100PF	5%	50V
C498	1-162-211-31	CERAMIC	33PF	5%	50V
C500	1-128-825-21	CERAMIC	0.0022uF	5%	50V
C501	1-126-963-11	ELECT	4.7uF	20%	50V
C503	1-104-665-11	ELECT	100uF	20%	10V
C504	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C505	1-101-810-00	CERAMIC	100PF	5%	500V
C506	1-101-810-00	CERAMIC	100PF	5%	500V
C507	1-128-809-11	CERAMIC	100PF	5%	50V
C510	1-126-947-11	ELECT	47uF	20%	25V
C511	1-136-157-00	FILM	0.022uF	5%	50V
C516	1-162-815-11	CERAMIC	47PF	5%	500V
C517	1-162-815-11	CERAMIC	47PF	5%	500V
C519	1-128-813-11	CERAMIC	220PF	5%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V
C541	1-127-876-21	CERAMIC	0.01uF	10%	50V

Ref. No.	Part No.	Description			Remark
C601	1-126-963-11	ELECT	4.7uF	20%	50V
C603	1-104-665-11	ELECT	100uF	20%	10V
C604	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C605	1-102-233-00	CERAMIC	33PF	10%	500V
C606	1-128-813-11	CERAMIC	220PF	5%	50V
C607	1-128-809-11	CERAMIC	100PF	5%	50V
C610	1-126-947-11	ELECT	47uF	20%	25V
C611	1-136-157-00	FILM	0.022uF	5%	50V
C616	1-106-355-12	MYLAR	0.0033uF	5%	200V
C617	1-106-355-12	MYLAR	0.0033uF	5%	200V
C619	1-128-813-11	CERAMIC	220PF	5%	50V
C620	1-162-815-11	CERAMIC	47PF	5%	500V
C621	1-162-815-11	CERAMIC	47PF	5%	500V
C640	1-126-964-11	ELECT	10uF	20%	50V
C642	1-127-876-21	CERAMIC	0.01uF	10%	50V
C651	1-126-963-11	ELECT	4.7uF	20%	50V
C653	1-104-665-11	ELECT	100uF	20%	10V
C654	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C655	1-102-233-00	CERAMIC	33PF	10%	500V
C656	1-128-813-11	CERAMIC	220PF	5%	50V
C657	1-128-809-11	CERAMIC	100PF	5%	50V
C660	1-126-947-11	ELECT	47uF	20%	25V
C661	1-136-157-00	FILM	0.022uF	5%	50V
C663	1-128-809-11	CERAMIC	100PF	5%	50V
C666	1-162-815-11	CERAMIC	47PF	5%	500V
C667	1-128-809-11	CERAMIC	100PF	5%	50V
C668	1-128-809-11	CERAMIC	100PF	5%	50V
C669	1-162-815-11	CERAMIC	47PF	5%	500V
C670	1-128-813-11	CERAMIC	220PF	5%	50V
C680	1-126-964-11	ELECT	10uF	20%	50V
C681	1-127-876-21	CERAMIC	0.01uF	10%	50V
C691	1-164-159-21	CERAMIC	0.1uF		50V
C700	1-128-825-21	CERAMIC	0.0022uF	5%	50V
C701	1-126-963-11	ELECT	4.7uF	20%	50V
C703	1-104-665-11	ELECT	100uF	20%	10V
C704	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C705	1-102-233-00	CERAMIC	33PF	10%	500V
C706	1-128-813-11	CERAMIC	220PF	5%	50V
C707	1-128-809-11	CERAMIC	100PF	5%	50V
C710	1-126-947-11	ELECT	47uF	20%	25V
C711	1-136-157-00	FILM	0.022uF	5%	50V
C716	1-162-815-11	CERAMIC	47PF	5%	500V
C717	1-162-815-11	CERAMIC	47PF	5%	500V
C720	1-128-813-11	CERAMIC	220PF	5%	50V
C721	1-126-934-11	ELECT	220uF	20%	10V
C722	1-126-964-11	ELECT	10uF	20%	50V
C732	1-128-582-11	ELECT	10uF	20%	100V
C733	1-128-582-11	ELECT	10uF	20%	100V
C740	1-126-964-11	ELECT	10uF	20%	50V
C741	1-128-579-11	ELECT	2.2uF	20%	100V
C742	1-127-876-21	CERAMIC	0.01uF	10%	50V
C750	1-126-964-11	ELECT	10uF	20%	50V
C751	1-126-963-11	ELECT	4.7uF	20%	50V
C752	1-127-876-21	CERAMIC	0.01uF	10%	50V
C753	1-104-665-11	ELECT	100uF	20%	10V

MAIN

Ref. No.	Part No.	Description			Remark
C754	1-107-583-11	CERAMIC	3PF	0.25PF	500V
C755	1-102-233-00	CERAMIC	33PF	10%	500V
C756	1-128-813-11	CERAMIC	220PF	5%	50V
C757	1-128-809-11	CERAMIC	100PF	5%	50V
C760	1-126-947-11	ELECT	47uF	20%	25V
C761	1-136-157-00	FILM	0.022uF	5%	50V
C766	1-162-815-11	CERAMIC	47PF	5%	500V
C767	1-162-815-11	CERAMIC	47PF	5%	500V
C770	1-128-813-11	CERAMIC	220PF	5%	50V
C800	1-128-825-21	CERAMIC	0.0022uF	5%	50V
C801	1-126-947-11	ELECT	47uF	20%	35V
C802	1-126-947-11	ELECT	47uF	20%	35V
C803	1-125-897-11	ELECT	10000uF	20%	71V
C804	1-125-897-11	ELECT	10000uF	20%	71V
C805	1-135-851-21	MYLAR	0.22uF		100V
C806	1-135-851-21	MYLAR	0.22uF		100V
C807	1-104-665-11	ELECT	100uF	20%	10V
C808	1-126-935-11	ELECT	470uF	20%	10V
C810	1-164-159-21	CERAMIC	0.1uF		50V
C811	1-164-159-21	CERAMIC	0.1uF		50V
C822	1-126-947-11	ELECT	47uF	20%	35V
C830	1-164-159-21	CERAMIC	0.1uF		50V
C901	1-164-159-21	CERAMIC	0.1uF		50V
C903	1-126-936-11	ELECT	3300uF	20%	16V
CC01	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC02	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC04	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC05	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC06	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC07	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC08	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC09	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC12	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
CC14	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
CC16	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
CC18	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
CC20	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
CC31	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC32	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC41	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC42	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC51	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC52	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC54	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC55	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC56	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC57	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC58	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC59	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC61	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)
CC62	1-128-809-11	CERAMIC	100PF	5%	50V (EXCEPT US,CND)

< CONNECTOR >

Ref. No.	Part No.	Description
* CN792	1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P
CNP501	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P
CNP502	1-784-038-21	CONNECTOR, BOARD TO BOARD 9P
CNP503	1-779-978-11	PIN, CONNECTOR 3P
* CNP801	1-564-104-00	PIN, CONNECTOR (B3P-VH) 3P
CNP802	1-691-767-11	PLUG (MICRO CONNECTOR) 5P
CNP911	1-784-928-11	PIN, CONNECTOR 13P
CNP915	1-766-200-11	SOCKET, CONNECTOR PIN 5P

< DIODE >

Ref. No.	Part No.	Description
D505	8-719-991-33	DIODE 1SS133T-77
D510	8-719-991-33	DIODE 1SS133T-77
D540	8-719-991-33	DIODE 1SS133T-77
D560	8-719-991-33	DIODE 1SS133T-77
D605	8-719-991-33	DIODE 1SS133T-77
D610	8-719-991-33	DIODE 1SS133T-77
D640	8-719-991-33	DIODE 1SS133T-77
D665	8-719-991-33	DIODE 1SS133T-77
D680	8-719-991-33	DIODE 1SS133T-77
D690	8-719-934-21	DIODE HZS30-1L
D691	8-719-991-33	DIODE 1SS133T-77
D705	8-719-991-33	DIODE 1SS133T-77
D710	8-719-991-33	DIODE 1SS133T-77
D721	8-719-991-33	DIODE 1SS133T-77
D722	8-719-991-33	DIODE 1SS133T-77
D731	8-719-991-33	DIODE 1SS133T-77
D732	8-719-991-33	DIODE 1SS133T-77
D733	8-719-991-33	DIODE 1SS133T-77
D734	8-719-991-33	DIODE 1SS133T-77
D740	8-719-991-33	DIODE 1SS133T-77
D750	8-719-991-33	DIODE 1SS133T-77
D765	8-719-991-33	DIODE 1SS133T-77
D791	8-719-991-33	DIODE 1SS133T-77
D801	8-719-934-21	DIODE HZS30-1L
D802	8-719-072-05	DIODE RBV-602LF-A

Ref. No.	Part No.	Description	Remark
D804	8-719-118-63	DIODE RD5.6F-T7B2	
D896	8-719-043-76	DIODE AK04V0	
D902	8-719-200-82	DIODE 11ES2	
D903	8-719-200-82	DIODE 11ES2	
D904	8-719-200-82	DIODE 11ES2	
D905	8-719-200-82	DIODE 11ES2	
		< IC >	
IC201	6-701-567-01	IC M61511FP-R61G	
IC401	8-759-636-74	IC M5218AP-22	
IC501	8-749-011-16	IC STK350-230	
IC601	8-759-636-74	IC M5218AP-22	
IC701	6-700-943-01	IC uPC2581V-S	
IC702	6-700-943-01	IC uPC2581V-S	
IC801	8-759-649-68	IC uPC78M07AHF	
IC802	8-759-604-95	IC M5F79M07L	
		< JACK >	
J401	1-779-380-11	JACK, PIN 6P (MULTI CH IN FRONT/ SURROUND/CENTER/SUB WOOFER)	
J402	1-774-411-11	JACK, PIN 6P (AUX IN,CD/SACD IN, MD/TAPE OUT) (EXCEPT US,CND)	
J402	1-779-380-11	JACK, PIN 6P (AUX IN,CD/SACD IN, MD/TAPE OUT) (US,CND)	
J403	1-770-614-11	JACK, PIN 4P (MD/TAPE IN, DVD/LD AUDIO IN)	
J404	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/AUDIO IN) (EXCEPT US,CND)	
J404	1-779-380-11	JACK, PIN 6P (VIDEO 2 AUDIO IN, VIDEO 1 AUDIO OUT/AUDIO IN) (US,CND)	
J405	1-774-843-11	JACK, PIN 1P (SUB WOOFER AUDIO OUT)	
		< COIL >	
L521	1-422-009-13	COIL, AIR-CORE	
L601	1-422-009-13	COIL, AIR-CORE	
L651	1-422-009-13	COIL, AIR-CORE	
L701	1-422-009-13	COIL, AIR-CORE	
L751	1-422-009-13	COIL, AIR-CORE	
		< TRANSISTOR >	
Q361	8-729-823-22	TRANSISTOR 2SC3576	
Q362	8-729-823-22	TRANSISTOR 2SC3576	
Q363	8-729-823-22	TRANSISTOR 2SC3576	
Q364	8-729-823-22	TRANSISTOR 2SC3576	
Q365	8-729-823-22	TRANSISTOR 2SC3576	
Q366	8-729-823-22	TRANSISTOR 2SC3576	
Q379	8-729-900-63	TRANSISTOR DTA124ES	
Q471	8-729-823-22	TRANSISTOR 2SC3576	
Q501	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q502	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q505	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q506	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q540	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q550	8-729-119-79	TRANSISTOR 2SC2785-FEK	

Ref. No.	Part No.	Description	Remark
Q560	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q601	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q602	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q605	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q606	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q610	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q640	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q651	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q652	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q655	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q656	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q680	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q691	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q692	8-729-900-63	TRANSISTOR DTA124ES	
Q701	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q702	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q705	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q706	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q710	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q722	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q723	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q725	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q740	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q747	8-729-900-63	TRANSISTOR DTA124ES	
Q748	8-729-900-36	TRANSISTOR DTC124ES	
Q750	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q751	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q752	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q755	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q756	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q790	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q801	8-729-140-97	TRANSISTOR 2SB734-34	
		< RESISTOR >	
R360	1-249-441-11	CARBON 100K 5% 1/4W	
R361	1-249-425-11	CARBON 4.7K 5% 1/4W	
R362	1-249-425-11	CARBON 4.7K 5% 1/4W	
R363	1-249-441-11	CARBON 100K 5% 1/4W	
R366	1-249-429-11	CARBON 10K 5% 1/4W	
R367	1-249-441-11	CARBON 100K 5% 1/4W	
R368	1-249-437-11	CARBON 47K 5% 1/4W	
R369	1-249-425-11	CARBON 4.7K 5% 1/4W	
R370	1-249-425-11	CARBON 4.7K 5% 1/4W	
R371	1-249-441-11	CARBON 100K 5% 1/4W	
R372	1-249-441-11	CARBON 100K 5% 1/4W	
R373	1-249-417-11	CARBON 1K 5% 1/4W	
R374	1-249-417-11	CARBON 1K 5% 1/4W	
R375	1-249-417-11	CARBON 1K 5% 1/4W	
R376	1-249-417-11	CARBON 1K 5% 1/4W	
R377	1-249-417-11	CARBON 1K 5% 1/4W	
R378	1-249-417-11	CARBON 1K 5% 1/4W	
R379	1-249-425-11	CARBON 4.7K 5% 1/4W	
R380	1-249-441-11	CARBON 100K 5% 1/4W	
R381	1-249-429-11	CARBON 10K 5% 1/4W	
R401	1-249-417-11	CARBON 1K 5% 1/4W	

MAIN

Ref. No.	Part No.	Description			Remark
R402	1-249-417-11	CARBON	1K	5%	1/4W
R404	1-249-417-11	CARBON	1K	5%	1/4W
R405	1-249-417-11	CARBON	1K	5%	1/4W
R406	1-249-417-11	CARBON	1K	5%	1/4W
R407	1-249-417-11	CARBON	1K	5%	1/4W
R408	1-249-417-11	CARBON	1K	5%	1/4W
R409	1-249-417-11	CARBON	1K	5%	1/4W
R411	1-249-417-11	CARBON	1K	5%	1/4W
R412	1-249-417-11	CARBON	1K	5%	1/4W
R413	1-249-437-11	CARBON	47K	5%	1/4W
R414	1-249-437-11	CARBON	47K	5%	1/4W
R415	1-249-437-11	CARBON	47K	5%	1/4W
R416	1-249-437-11	CARBON	47K	5%	1/4W
R417	1-249-437-11	CARBON	47K	5%	1/4W
R418	1-249-437-11	CARBON	47K	5%	1/4W
R419	1-249-437-11	CARBON	47K	5%	1/4W
R420	1-249-437-11	CARBON	47K	5%	1/4W
R421	1-249-437-11	CARBON	47K	5%	1/4W
R422	1-249-437-11	CARBON	47K	5%	1/4W
R424	1-249-437-11	CARBON	47K	5%	1/4W
R425	1-249-437-11	CARBON	47K	5%	1/4W
R426	1-249-437-11	CARBON	47K	5%	1/4W
R427	1-249-437-11	CARBON	47K	5%	1/4W
R431	1-249-417-11	CARBON	1K	5%	1/4W
R432	1-249-417-11	CARBON	1K	5%	1/4W
R435	1-249-437-11	CARBON	47K	5%	1/4W
R436	1-249-437-11	CARBON	47K	5%	1/4W
R441	1-249-437-11	CARBON	47K	5%	1/4W
R442	1-249-437-11	CARBON	47K	5%	1/4W
R444	1-249-437-11	CARBON	47K	5%	1/4W
R445	1-249-437-11	CARBON	47K	5%	1/4W
R446	1-249-437-11	CARBON	47K	5%	1/4W
R447	1-249-437-11	CARBON	47K	5%	1/4W
R451	1-249-417-11	CARBON	1K	5%	1/4W
R452	1-249-417-11	CARBON	1K	5%	1/4W
R454	1-249-417-11	CARBON	1K	5%	1/4W
R455	1-249-417-11	CARBON	1K	5%	1/4W
R456	1-249-417-11	CARBON	1K	5%	1/4W
R457	1-249-417-11	CARBON	1K	5%	1/4W
R458	1-249-417-11	CARBON	1K	5%	1/4W
R459	1-249-417-11	CARBON	1K	5%	1/4W
R461	1-249-417-11	CARBON	1K	5%	1/4W
R462	1-249-417-11	CARBON	1K	5%	1/4W
R463	1-249-437-11	CARBON	47K	5%	1/4W
R464	1-249-437-11	CARBON	47K	5%	1/4W
R469	1-249-417-11	CARBON	1K	5%	1/4W
R470	1-249-437-11	CARBON	47K	5%	1/4W
R471	1-249-417-11	CARBON	1K	5%	1/4W
R472	1-249-417-11	CARBON	1K	5%	1/4W
R473	1-249-421-11	CARBON	2.2K	5%	1/4W
R474	1-249-432-11	CARBON	18K	5%	1/4W
R475	1-249-421-11	CARBON	2.2K	5%	1/4W
R499	1-249-437-11	CARBON	47K	5%	1/4W
R501	1-249-417-11	CARBON	1K	5%	1/4W
R502	1-249-439-11	CARBON	68K	5%	1/4W
R503	1-249-415-11	CARBON	680	5%	1/4W
R504	1-249-411-11	CARBON	330	5%	1/4W
R505	1-249-439-11	CARBON	68K	5%	1/4W
R510	1-249-421-11	CARBON	2.2K	5%	1/4W
R511	1-249-440-11	CARBON	82K	5%	1/4W
R513	1-249-414-11	CARBON	560	5%	1/4W
R514	1-249-405-11	CARBON	100	5%	1/4W
R515	1-249-405-11	CARBON	100	5%	1/4W
R516	1-233-352-41	COMPONENT, ENCAPSULATED 0.22X2 5W			
R517	1-249-393-11	CARBON	10	5%	1/4W
R520	1-249-425-11	CARBON	4.7K	5%	1/4W
R521	1-247-850-11	CARBON	6.2K	5%	1/4W
R522	1-249-419-11	CARBON	1.5K	5%	1/4W
R524	1-249-431-11	CARBON	15K	5%	1/4W
R525	1-249-439-11	CARBON	68K	5%	1/4W
R528	1-249-389-11	CARBON	4.7	5%	1/4W
R531	1-249-425-11	CARBON	4.7K	5%	1/4W
R532	1-249-425-11	CARBON	4.7K	5%	1/4W
R533	1-249-437-11	CARBON	47K	5%	1/4W
R534	1-249-389-11	CARBON	4.7	5%	1/4W
R540	1-249-433-11	CARBON	22K	5%	1/4W
R546	1-247-843-11	CARBON	3.3K	5%	1/4W
R555	1-249-433-11	CARBON	22K	5%	1/4W
R556	1-249-433-11	CARBON	22K	5%	1/4W
R557	1-249-431-11	CARBON	15K	5%	1/4W
R560	1-249-429-11	CARBON	10K	5%	1/4W
R573	1-249-437-11	CARBON	47K	5%	1/4W
R601	1-249-417-11	CARBON	1K	5%	1/4W
R602	1-249-439-11	CARBON	68K	5%	1/4W
R603	1-249-415-11	CARBON	680	5%	1/4W
R604	1-249-439-11	CARBON	68K	5%	1/4W
R610	1-249-421-11	CARBON	2.2K	5%	1/4W
R611	1-249-440-11	CARBON	82K	5%	1/4W
R613	1-249-414-11	CARBON	560	5%	1/4W
R614	1-249-405-11	CARBON	100	5%	1/4W
R615	1-249-405-11	CARBON	100	5%	1/4W
R616	1-233-352-41	COMPONENT, ENCAPSULATED 0.22X2 5W			
R617	1-249-393-11	CARBON	10	5%	1/4W
R618	1-249-389-11	CARBON	4.7	5%	1/4W
R620	1-249-425-11	CARBON	4.7K	5%	1/4W
R621	1-247-850-11	CARBON	6.2K	5%	1/4W
R622	1-249-419-11	CARBON	1.5K	5%	1/4W
R623	1-249-437-11	CARBON	47K	5%	1/4W
R624	1-249-431-11	CARBON	15K	5%	1/4W
R625	1-249-439-11	CARBON	68K	5%	1/4W
R631	1-249-425-11	CARBON	4.7K	5%	1/4W
R634	1-249-389-11	CARBON	4.7	5%	1/4W
R638	1-249-439-11	CARBON	68K	5%	1/4W
R640	1-249-433-11	CARBON	22K	5%	1/4W
R648	1-247-843-11	CARBON	3.3K	5%	1/4W
R651	1-249-417-11	CARBON	1K	5%	1/4W
R652	1-249-439-11	CARBON	68K	5%	1/4W
R653	1-249-415-11	CARBON	680	5%	1/4W
R654	1-249-439-11	CARBON	68K	5%	1/4W
R655	1-249-433-11	CARBON	22K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R656	1-249-433-11	CARBON	22K	5%	1/4W
R657	1-249-431-11	CARBON	15K	5%	1/4W
R660	1-249-421-11	CARBON	2.2K	5%	1/4W
R661	1-249-440-11	CARBON	82K	5%	1/4W
R663	1-249-414-11	CARBON	560	5%	1/4W
R664	1-249-405-11	CARBON	100	5%	1/4W
R665	1-249-405-11	CARBON	100	5%	1/4W
R666	1-233-352-41	COMPONENT, ENCAPSULATED 0.22X2 5W			
R667	1-249-393-11	CARBON	10	5%	1/4W
R668	1-249-389-11	CARBON	4.7	5%	1/4W
R669	1-249-425-11	CARBON	4.7K	5%	1/4W
R671	1-247-850-11	CARBON	6.2K	5%	1/4W
R672	1-249-419-11	CARBON	1.5K	5%	1/4W
R673	1-249-437-11	CARBON	47K	5%	1/4W
R674	1-249-431-11	CARBON	15K	5%	1/4W
R675	1-249-433-11	CARBON	22K	5%	1/4W
R676	1-249-433-11	CARBON	22K	5%	1/4W
R677	1-249-431-11	CARBON	15K	5%	1/4W
R680	1-249-433-11	CARBON	22K	5%	1/4W
R681	1-247-843-11	CARBON	3.3K	5%	1/4W
R690	1-247-887-00	CARBON	220K	5%	1/4W
⚠R691	1-215-888-00	METAL OXIDE	220	5%	2W F
⚠R692	1-215-889-00	METAL OXIDE	330	5%	2W F
R693	1-249-429-11	CARBON	10K	5%	1/4W
R694	1-249-429-11	CARBON	10K	5%	1/4W
R695	1-249-429-11	CARBON	10K	5%	1/4W
R696	1-249-436-11	CARBON	39K	5%	1/4W
R698	1-249-429-11	CARBON	10K	5%	1/4W
R699	1-247-895-91	CARBON	470K	5%	1/4W
R701	1-249-417-11	CARBON	1K	5%	1/4W
R702	1-249-439-11	CARBON	68K	5%	1/4W
R703	1-249-415-11	CARBON	680	5%	1/4W
R704	1-249-439-11	CARBON	68K	5%	1/4W
R710	1-249-421-11	CARBON	2.2K	5%	1/4W
R711	1-249-440-11	CARBON	82K	5%	1/4W
R713	1-249-414-11	CARBON	560	5%	1/4W
R714	1-249-405-11	CARBON	100	5%	1/4W
R715	1-249-405-11	CARBON	100	5%	1/4W
R716	1-233-352-41	COMPONENT, ENCAPSULATED 0.22X2 5W			
R717	1-249-393-11	CARBON	10	5%	1/4W
R718	1-249-389-11	CARBON	4.7	5%	1/4W
R719	1-249-425-11	CARBON	4.7K	5%	1/4W
R721	1-247-850-11	CARBON	6.2K	5%	1/4W
R722	1-249-419-11	CARBON	1.5K	5%	1/4W
R723	1-249-437-11	CARBON	47K	5%	1/4W
R724	1-249-431-11	CARBON	15K	5%	1/4W
R725	1-249-439-11	CARBON	68K	5%	1/4W
R731	1-249-425-11	CARBON	4.7K	5%	1/4W
R732	1-249-381-11	CARBON	1	5%	1/4W
R733	1-249-381-11	CARBON	1	5%	1/4W
R734	1-249-389-11	CARBON	4.7	5%	1/4W
R735	1-249-427-11	CARBON	6.8K	5%	1/4W
R736	1-249-417-11	CARBON	1K	5%	1/4W
R737	1-249-436-11	CARBON	39K	5%	1/4W
R740	1-249-433-11	CARBON	22K	5%	1/4W

Ref. No.	Part No.	Description			Remark
R742	1-249-437-11	CARBON	47K	5%	1/4W
R743	1-249-433-11	CARBON	22K	5%	1/4W
R744	1-249-433-11	CARBON	22K	5%	1/4W
R745	1-249-433-11	CARBON	22K	5%	1/4W
R746	1-249-433-11	CARBON	22K	5%	1/4W
R747	1-249-431-11	CARBON	15K	5%	1/4W
R748	1-247-843-11	CARBON	3.3K	5%	1/4W
R750	1-249-433-11	CARBON	22K	5%	1/4W
R751	1-249-417-11	CARBON	1K	5%	1/4W
R752	1-249-439-11	CARBON	68K	5%	1/4W
R753	1-249-415-11	CARBON	680	5%	1/4W
R754	1-249-439-11	CARBON	68K	5%	1/4W
R755	1-249-433-11	CARBON	22K	5%	1/4W
R756	1-249-433-11	CARBON	22K	5%	1/4W
R757	1-249-431-11	CARBON	15K	5%	1/4W
R758	1-247-843-11	CARBON	3.3K	5%	1/4W
R760	1-249-421-11	CARBON	2.2K	5%	1/4W
R761	1-249-440-11	CARBON	82K	5%	1/4W
R763	1-249-414-11	CARBON	560	5%	1/4W
R764	1-249-405-11	CARBON	100	5%	1/4W
R765	1-249-405-11	CARBON	100	5%	1/4W
R766	1-233-352-41	COMPONENT, ENCAPSULATED 0.22X2 5W			
R767	1-249-393-11	CARBON	10	5%	1/4W
R768	1-249-389-11	CARBON	4.7	5%	1/4W
R769	1-249-425-11	CARBON	4.7K	5%	1/4W
R770	1-249-437-11	CARBON	47K	5%	1/4W
R771	1-247-850-11	CARBON	6.2K	5%	1/4W
R772	1-249-419-11	CARBON	1.5K	5%	1/4W
R773	1-249-437-11	CARBON	47K	5%	1/4W
R775	1-249-439-11	CARBON	68K	5%	1/4W
R778	1-249-431-11	CARBON	15K	5%	1/4W
R780	1-249-429-11	CARBON	10K	5%	1/4W
R791	1-249-425-11	CARBON	4.7K	5%	1/4W
⚠R792	1-215-868-00	METAL OXIDE	680	5%	1W F
R793	1-249-389-11	CARBON	4.7	5%	1/4W
⚠R794	1-215-868-00	METAL OXIDE	680	5%	1W F
R802	1-249-381-11	CARBON	1	5%	1/4W
R803	1-249-389-11	CARBON	4.7	5%	1/4W
R804	1-249-426-11	CARBON	5.6K	5%	1/4W
R806	1-249-433-11	CARBON	22K	5%	1/4W
⚠R910	1-243-635-11	FUSIBLE	0.33	5%	1/2W F
RR11	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)
RR12	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)
RR13	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)
RR14	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)
RR15	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)
		< RELAY >			
RY501	1-755-421-11	RELAY (12V)			
RY560	1-755-267-11	RELAY			
RY601	1-755-421-11	RELAY (12V)			

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

MAIN | POWER SW | S-VIDEO | SPEAKER (B)

Ref. No.	Part No.	Description			Remark
RY701	1-755-421-11	RELAY (12V)			
RY791	1-755-421-11	RELAY (12V)			
		< TERMINAL BOARD >			
TM601	1-694-839-11	TERMINAL BOARD (6P) (SPEAKERS SURROUND/CENTER)			
TM602	1-694-841-11	TERMINAL BOARD (4P) (SPEAKERS FRONT A)			
**********					
	1-683-759-11	POWER SW BOARD			
		**********			
		< CONNECTOR >			
CN104	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
		< RESISTOR >			
R138	1-249-433-11	CARBON	22K	5%	1/4W
R139	1-249-437-11	CARBON	47K	5%	1/4W
		< SWITCH >			
S138	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
S139	1-771-410-21	SWITCH, TACTILE (DIMMER)			
S141	1-771-410-21	SWITCH, TACTILE (I/⏻)			
S142	1-771-410-21	SWITCH, TACTILE (SPEAKERS A/B)			
**********					
	A-4727-862-A	S-VIDEO BOARD, COMPLETE (US,CND)			
	A-4727-871-A	S-VIDEO BOARD, COMPLETE (EXCEPT US,CND)			
		**********			
		< CAPACITOR >			
C251	1-126-947-11	ELECT	47uF	20%	25V
C252	1-164-159-21	CERAMIC	0.1uF		50V
C253	1-164-159-21	CERAMIC	0.1uF		50V
C254	1-126-947-11	ELECT	47uF	20%	25V
C255	1-164-159-21	CERAMIC	0.1uF		50V
C256	1-164-159-21	CERAMIC	0.1uF		50V
C257	1-128-817-21	CERAMIC	470PF	5%	50V
C258	1-128-805-21	CERAMIC	47PF	5%	50V
C259	1-128-805-21	CERAMIC	47PF	5%	50V
C260	1-126-964-11	ELECT	10uF	20%	50V
C261	1-164-159-21	CERAMIC	0.1uF		50V
C262	1-126-964-11	ELECT	10uF	20%	50V
C263	1-164-159-21	CERAMIC	0.1uF		50V
C265	1-128-805-21	CERAMIC	47PF	5%	50V
C266	1-128-805-21	CERAMIC	47PF	5%	50V
C267	1-128-817-21	CERAMIC	470PF	5%	50V
C268	1-126-964-11	ELECT	10uF	20%	50V
C269	1-164-159-21	CERAMIC	0.1uF		50V
C272	1-164-159-21	CERAMIC	0.1uF		50V
C275	1-128-817-21	CERAMIC	470PF	5%	50V
		< CONNECTOR >			
CNS252	1-568-442-11	SOCKET, CONNECTOR 9P			

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D251	8-719-991-33	DIODE 1SS133T-77			
D252	8-719-991-33	DIODE 1SS133T-77			
		< IC >			
IC251	6-701-890-01	IC NJM2595D			
IC252	6-701-890-01	IC NJM2595D			
		< JACK >			
J251	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT)			
J252	1-794-937-11	CONNECTOR (DIN) 2P (DVD/LD S-VIDEO IN, VIDEO 2 S-VIDEO IN)			
J253	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO 1 S-VIDEO OUT/ S-VIDEO IN)			
J254	1-563-330-11	JACK (CTRL A1 II)			
		< RESISTOR >			
R206	1-247-804-11	CARBON	75	5%	1/4W
R251	1-247-804-11	CARBON	75	5%	1/4W
R252	1-247-804-11	CARBON	75	5%	1/4W
R253	1-247-804-11	CARBON	75	5%	1/4W
R254	1-247-804-11	CARBON	75	5%	1/4W
R255	1-247-804-11	CARBON	75	5%	1/4W
R257	1-247-804-11	CARBON	75	5%	1/4W
R258	1-247-804-11	CARBON	75	5%	1/4W
R259	1-247-804-11	CARBON	75	5%	1/4W
R260	1-247-804-11	CARBON	75	5%	1/4W
**********					
	1-684-945-11	SPEAKER (B) BOARD			
		**********			
		< CAPACITOR >			
CC33	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
CC63	1-127-876-21	CERAMIC	0.01uF	10%	50V (EXCEPT US,CND)
		< CONNECTOR >			
* CNP851	1-564-215-11	PIN, CONNECTOR 4P			
* CNP852	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P			
		< DIODE >			
D851	8-719-991-33	DIODE 1SS133T-77			
		< TRANSISTOR >			
Q851	8-729-119-79	TRANSISTOR 2SC2785-FEK			
		< RESISTOR >			
R851	1-249-389-11	CARBON	4.7	5%	1/4W
R852	1-249-425-11	CARBON	4.7K	5%	1/4W
RR16	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)
RR17	1-249-393-11	CARBON	10	5%	1/4W (EXCEPT US,CND)

Ref. No.	Part No.	Description			Remark
		< RELAY >			
RY851	1-755-421-11	RELAY (12V)			
		< TERMINAL BOARD >			
* TM603	1-537-240-21	TERMINAL BOARD (2P) (CHECKER PIN) (SPEAKERS FRONT B)			
**********					
	A-4727-856-A	STANDBY BOARD, COMPLETE (US,CND)			
	A-4727-868-A	STANDBY BOARD, COMPLETE (AEP,UK)			
	A-4728-007-A	STANDBY BOARD, COMPLETE (TW)			
	A-4728-008-A	STANDBY BOARD, COMPLETE (MX)			
	A-4728-009-A	STANDBY BOARD, COMPLETE (AR)			
	A-4728-017-A	STANDBY BOARD, COMPLETE (KR)			
	A-4728-033-A	STANDBY BOARD, COMPLETE (AUS)			
	A-4728-036-A	STANDBY BOARD, COMPLETE (E,JE)			
	A-4728-040-A	STANDBY BOARD, COMPLETE (SP,MY)			
	A-4728-044-A	STANDBY BOARD, COMPLETE (CH)			
		**********			
	1-533-293-11	HOLDER, FUSE			
		< CAPACITOR >			
C813	1-164-159-21	CERAMIC	0.1uF		50V
C814	1-164-159-21	CERAMIC	0.1uF		50V
C815	1-126-943-11	ELECT	2200uF	20%	25V
C816	1-126-941-11	ELECT	470uF	20%	25V
C898	1-126-949-11	ELECT	220uF	20%	35V
C899	1-126-948-11	ELECT	100uF	20%	35V
C920	1-164-159-21	CERAMIC	0.1uF		50V
C921	1-164-159-21	CERAMIC	0.1uF		50V
C923	1-126-959-11	ELECT	0.47uF	20%	50V
C950	1-126-936-11	ELECT	3300uF	20%	16V
		< CONNECTOR >			
CNP901	1-564-321-00	PIN, CONNECTOR 2P			
* CNP902	1-565-792-11	PIN, CONNECTOR 2P			
CNP903	1-564-506-11	PLUG, CONNECTOR 3P			
CNP905	1-766-203-11	PLUG, CONNECTOR PIN (PC BOARD) 5P			
CNP906	1-784-921-11	PIN, CONNECTOR 4P (E,JE)			
CNP912	1-779-978-11	PIN, CONNECTOR 3P			
		< DIODE >			
D820	8-719-200-82	DIODE 11ES2			
D821	8-719-200-82	DIODE 11ES2			
D822	8-719-200-82	DIODE 11ES2			
D823	8-719-200-82	DIODE 11ES2			
D898	8-719-200-82	DIODE 11ES2			
D899	8-719-200-82	DIODE 11ES2			
D901	8-719-991-33	DIODE 1SS133T-77			
D910	8-719-200-82	DIODE 11ES2			
D911	8-719-200-82	DIODE 11ES2			
D912	8-719-200-82	DIODE 11ES2			
D913	8-719-200-82	DIODE 11ES2			
D914	8-719-991-33	DIODE 1SS133T-77			
D915	8-719-991-33	DIODE 1SS133T-77			

Ref. No.	Part No.	Description			Remark
		< TERMINAL >			
* G901	1-537-738-21	TERMINAL, EARTH			
		< AC OUTLET >			
⚠J911	1-251-417-11	OUTLET, A.C. (AC OUTLET) (AUS)			
⚠J911	1-785-285-11	OUTLET, AC (1P) (AC OUTLET) (AEP,UK,JE,SP,MY)			
⚠J911	1-785-834-11	OUTLET (1P) (AC OUTLET) (US,CND,E,MX,TW)			
		< TRANSISTOR >			
Q901	8-729-119-79	TRANSISTOR 2SC2785-FEK			
Q921	8-729-119-79	TRANSISTOR 2SC2785-FEK			
		< RESISTOR >			
⚠R810	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
⚠R811	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
⚠R812	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
⚠R901	1-219-237-11	SOLID	3.3M	20%	1/2W F (US,CND)
R902	1-249-437-11	CARBON	47K	5%	1/4W
R903	1-249-425-11	CARBON	4.7K	5%	1/4W
R904	1-249-381-11	CARBON	1	5%	1/4W
R921	1-249-437-11	CARBON	47K	5%	1/4W
R922	1-249-435-11	CARBON	33K	5%	1/4W
R923	1-249-429-11	CARBON	10K	5%	1/4W
		< RELAY >			
⚠RY901	1-755-334-11	RELAY, AC POWER			
		< TRANSFORMER >			
⚠T902	1-435-434-11	TRANSFORMER, POWER (E,JE)			
⚠T902	1-435-435-11	TRANSFORMER, POWER (EXCEPT US,CND,E,JE,MX,TW)			
⚠T902	1-435-436-11	TRANSFORMER, POWER (US,CND,MX)			
⚠T902	1-435-563-11	TRANSFORMER, POWER (TW)			
**********					
	A-4727-849-A	VIDEO BOARD, COMPLETE (TW)			
	A-4727-855-A	VIDEO BOARD, COMPLETE (US,CND)			
	A-4727-867-A	VIDEO BOARD, COMPLETE (EXCEPT US,CND,TW)			
		**********			
		< CAPACITOR >			
C200	1-128-805-21	CERAMIC	47PF	5%	50V
C201	1-128-805-21	CERAMIC	47PF	5%	50V
C206	1-126-964-11	ELECT	10uF	20%	50V
C207	1-126-964-11	ELECT	10uF	20%	50V
C208	1-126-964-11	ELECT	10uF	20%	50V
C209	1-126-964-11	ELECT	10uF	20%	50V
C210	1-126-964-11	ELECT	10uF	20%	50V
C213	1-126-964-11	ELECT	10uF	20%	50V
C214	1-164-159-21	CERAMIC	0.1uF		50V
C215	1-164-159-21	CERAMIC	0.1uF		50V
C248	1-128-825-21	CERAMIC	0.0022uF	5%	50V
C249	1-128-825-21	CERAMIC	0.0022uF	5%	50V
C809	1-126-947-11	ELECT	47uF	20%	25V

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VIDEO VIDEO3

Ref. No.	Part No.	Description			Remark
C824	1-164-159-21	CERAMIC	0.1uF		50V
C825	1-164-159-21	CERAMIC	0.1uF		50V
C827	1-126-947-11	ELECT	47uF	20%	25V
		< CONNECTOR >			
CNP155	1-564-506-11	PLUG, CONNECTOR 3P			
CNP156	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CNS150	1-568-439-11	SOCKET, CONNECTOR 7P			
CNS152	1-568-442-11	SOCKET, CONNECTOR 9P			
CNS154	1-569-315-11	SOCKET, CONNECTOR 5P (EXCEPT AEP,UK)			
		< DIODE >			
D203	8-719-991-33	DIODE 1SS133T-77			
D204	8-719-991-33	DIODE 1SS133T-77			
		< IC >			
IC103	6-701-890-01	IC NJM2595D			
IC804	8-759-701-65	IC NJM79M05FA			
IC807	8-759-231-53	IC TA7805S			
		< JACK >			
J200	1-770-337-11	JACK, PIN 3P (DVD/LD VIDEO IN, VIDEO 2 VIDEO IN,VIDEO 1 VIDEO OUT)			
J201	1-695-317-11	JACK, PIN 2P (VIDEO 1 VIDEO IN, MONITOR VIDEO OUT)			
		< RESISTOR >			
R200	1-247-804-11	CARBON	75	5%	1/4W
R201	1-247-804-11	CARBON	75	5%	1/4W
R218	1-247-804-11	CARBON	75	5%	1/4W
R219	1-247-804-11	CARBON	75	5%	1/4W
R220	1-247-804-11	CARBON	75	5%	1/4W
R221	1-247-804-11	CARBON	75	5%	1/4W
**********					
	1-684-944-11	VIDEO3 BOARD			
		**********			
		< CAPACITOR >			
C293	1-113-342-11	CERAMIC	0.1uF		50V
C294	1-113-342-11	CERAMIC	0.1uF		50V
C295	1-126-795-11	ELECT	10uF	20%	50V
C296	1-126-795-11	ELECT	10uF	20%	50V
		< CONNECTOR >			
CN201	1-779-977-11	PIN, CONNECTOR 5P			
		< JACK >			
J298	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 INPUT) (EXCEPT JE,CH,SP,MY,TW,KR)			
J298	1-815-431-11	JACK, PIN 3P (VIDEO 3 INPUT) (JE,CH,SP,MY,TW,KR)			
		< RESISTOR >			
R295	1-249-437-11	CARBON	47K	5%	1/4W
R296	1-249-437-11	CARBON	47K	5%	1/4W
R298	1-249-417-11	CARBON	1K	5%	1/4W
R299	1-249-417-11	CARBON	1K	5%	1/4W
**********					
		MISCELLANEOUS			
		**********			
60	1-773-250-11	WIRE (FLAT TYPE) (27 CORE)			
⚠108	1-696-847-11	CORD, POWER (AUS)			
⚠108	1-769-079-21	CORD, POWER (KR)			
⚠108	1-769-744-11	CORD, POWER (AEP,UK)			
⚠108	1-777-071-22	CORD, POWER (E,JE,SP,MY,TW)			
⚠108	1-783-205-11	CORD, POWER (CH)			
⚠108	1-783-820-11	CORD, POWER (US,CND,MX)			
⚠108	1-783-941-12	CORD, POWER (AR)			
109	1-769-907-11	WIRE (FLAT TYPE) (9 CORE)			
110	1-769-940-11	WIRE (FLAT TYPE) (11 CORE) (EXCEPT AEP,UK)			
110	1-773-004-11	WIRE (FLAT TYPE) (15 CORE) (AEP,UK)			
111	1-765-315-11	WIRE (FLAT TYPE) (7 CORE) (AUS,JE,CH,SP,MY,TW,AR)			
111	1-769-893-11	WIRE (FLAT TYPE) (7 CORE) (US,CND,AEP,UK,E,MX,KR)			
113	1-769-843-11	WIRE (FLAT TYPE) (5 CORE) (EXCEPT AEP,UK)			
115	1-500-386-11	FILTER, CLAMP (FERRITE CORE) (EXCEPT US,CND,JE)			
⚠F901	1-532-464-31	FUSE, TIME-LAG (T2.5AL/250V) (EXCEPT US,CND,MX,TW)			
⚠F901	1-576-193-11	FUSE (6.3A/125V) (US,CND,MX,TW)			
⚠F902	1-532-464-31	FUSE, TIME-LAG (T2.5AL/250V) (AEP,UK,AUS,SP,MY)			
⚠F902	1-576-109-11	FUSE (5A/125V) (US,CND)			
Q503	8-749-010-25	TRANSISTOR MN2488-OPY-M			
Q504	8-749-010-26	TRANSISTOR MP1620-OPY-M			
Q603	8-749-010-25	TRANSISTOR MN2488-OPY-M			
Q604	8-749-010-26	TRANSISTOR MP1620-OPY-M			
Q653	8-749-010-25	TRANSISTOR MN2488-OPY-M			
Q654	8-749-010-26	TRANSISTOR MP1620-OPY-M			
Q703	8-749-010-25	TRANSISTOR MN2488-OPY-M			
Q704	8-749-010-26	TRANSISTOR MP1620-OPY-M			
Q753	8-749-010-25	TRANSISTOR MN2488-OPY-M			
Q754	8-749-010-26	TRANSISTOR MP1620-OPY-M			
⚠T901	1-435-899-11	TRANSFORMER, POWER (TW)			
⚠T901	1-435-901-11	TRANSFORMER, POWER (E,JE)			
⚠T901	1-435-902-11	TRANSFORMER, POWER (AUS)			
⚠T901	1-435-903-11	TRANSFORMER, POWER (AEP,UK,CH,SP,MY,AR,KR)			
⚠T901	1-435-905-11	TRANSFORMER, POWER (CND)			
⚠T901	1-435-906-11	TRANSFORMER, POWER (MX)			
⚠T901	1-437-699-11	TRANSFORMER, POWER (US)			
TM301	1-693-577-21	TUNER PACK (FM/AM) (ANTENNA) (US,CND,E,JE,MX)			
TM301	1-693-578-21	TUNER PACK (FM/AM) (ANTENNA) (AEP,UK)			
TM301	1-693-580-21	TUNER PACK (FM/AM) (ANTENNA) (AUS,CH,SP,MY,TW,AR,KR)			
**********					

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Ref. No.	Part No.	Description	Remark
		ACCESSORIES	
		**********	
	1-477-123-11	COMMANDER, STANDARD (RM-PP411)	(US,CND)
	1-476-552-41	COMMANDER, STANDARD (RM-U305C)	(EXCEPT US,CND)
	1-501-374-11	ANTENNA, LOOP (AM)	
	1-501-594-12	ANTENNA (FM) (EXCEPT US,CND,E,JE,MX)	
⚠	1-569-008-21	ADAPTOR, CONVERSION 2P (E,JE,TW)	
⚠	1-770-019-51	ADAPTOR, CONVERSION PLUG (UK)	
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR) (FM ANTENNA)	(US,CND,E,JE,MX)
	3-071-119-01	COVER, BATTERY (for RM-PP411) (US,CND)	
	4-228-696-01	COVER, BATTERY (for RM-U305C)	(EXCEPT US,CND)
	4-238-380-11	MANUAL, INSTRUCTION (ENGLISH)	(EXCEPT CH,MX,KR)
	4-238-380-21	MANUAL, INSTRUCTION (FRENCH)	(CND,AEP,E,JE,SP,MY)
	4-238-380-31	MANUAL, INSTRUCTION (SPANISH)	(AEP,E,JE,MX,SP,MY,AR)
	4-238-380-41	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(E,JE,SP,MY,TW)
	4-238-380-51	MANUAL, INSTRUCTION (ENGLISH, SIMPLIFIED CHINESE)	(CH)
	4-238-380-61	MANUAL, INSTRUCTION (GERMAN,DUTCH, SWEDISH)	(AEP)
	4-238-380-71	MANUAL, INSTRUCTION (ITALIAN,POLISH)	(AEP)
	4-238-380-81	MANUAL, INSTRUCTION (KOREAN) (KR)	
	4-240-466-11	MANUAL, INSTRUCTION (DANISH,FINNISH)	(AEP)
	4-240-466-21	MANUAL, INSTRUCTION (PORTUGUESE) (AEP)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2002. 03	New